Canadian
Intellectual Property
Office

An Agency of
Industry Canada

Office de la propriété
intellectuelle
du Canada

Un organisme
d'Industrie Canada


ISSN-1712-4034

# The Patent Office Record

# La Gazette du Bureau des brevets

Vol. 145 No. 21 May 23, 2017

Vol. 145 No. 21 le 23 mai 2017

Canada

CIPO OPIC

# THE CANADIAN PATENT OFFICE RECORD
# LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

# Table of Contents
## Table des matières

Notices
Avis ............................................................ 1

Canadian Patents Issued
Brevets canadiens délivrés ............................................................ 20

Canadian Applications Open to Public Inspection
Demandes canadiennes mises à la disponibilité du public ............................................................ 67

PCT Applications Entering the National Phase
Demandes PCT entrant en phase nationale ............................................................ 86

Canadian Divisional and Previously Unavailable Applications Open to Public Inspection
Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant ............................................................ 146

Index of Canadian Patents Issued
Index des brevets canadiens délivrés ............................................................ 151

Index of Canadian Applications Open to Public Inspection
Index des demandes canadiennes mises à la disponibilité du public ............................................................ 159

Index of PCT Applications Entering the National Phase
Index des demandes PCT entrant en phase nationale ............................................................ 163

Index of Canadian Divisional and Previously Unavailable Applications Open to Public Inspection
Index des demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant ............................................................ 173

# Notices

## 1. Dates and Code Numerals Appearing in Patent Headings

### Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

### Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date ( Re-Issued, Re-Examined )
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

# Avis

## 1. Dates et chiffres de code figurant à l'entête des brevets

### Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

### Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction ( Redélivrance, Réexamen )
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

## 2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

## 2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

## 3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

| Item 25.1* On requesting copy in electronic form of a document: | N/A |
|---|---|
| a) for each request | $10 |
| b) plus, for each patent or application to which the request relates | $10 |
| c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first | $10 |
| d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes | $10 |

## 3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

| Article 25.1* Demande d'une copie d'un document sous forme électronique : | S.O. |
|---|---|
| a) pour chaque demande | 10 $ |
| b) pour chaque demande de brevet ou brevet visé par la demande | 10 $ |
| c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel | 10 $ |
| d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur | 10 $ |

## 4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

## 4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

## 5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

## 5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

## 6. Licensing of Patents

**Voluntary Licences**
Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

**Compulsory Licences**
Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

## 6. Octroi de licences en vertu des brevets

**Licences librement accordées**
Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

**Licences obligatoires**
Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

## 7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

## 7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

## 8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

2,805,130

## 8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

2,805,130

## 9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

## 9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

## 10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

## 10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

## 11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 1, 2017

| | |
|---|---|
| 1. **Transmittal Fee** (Rule 14) | **$300** |
| 2. **International Filing Fee** | **$1792*** |
| For each additional sheet over 30 | **$20** |
| 3. **International Search Fee** | **$1600** |

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

## 11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 1 janvier 2017

| | |
|---|---|
| 1. **Taxe de transmission** (Règle 14) | **300 $** |
| 2. **Taxe de dépôt internationale** | **1792 $*** |
| Pour chaque feuille au delà de 30 | **20 $** |
| 3. **Taxe de recherche internationale** | **1600 $** |

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

**4. Late payment fee**
**50% of the fees that are due, or,**
**Minimum: Transmittal fee**
**Maximum: 50% of the international filing fee**

**4. Taxe pour paiement tardif**
**50% du montant impayé, ou,**
**Minimum : taxe de transmission**
**Maximum : 50% de la taxe de dépôt international**

**Preliminary Examination**

| | |
|---|---|
| 5. **Handling fee** (Rule 57.2(*a*)) | **$269** |
| 6. **Preliminary examination fee** (Rule 58) | **$800** |

**Examen préliminaire**

| | |
|---|---|
| 5. **Taxe de traitement** (Règle 57.2*a*)) | **269 $** |
| 6. **Taxe d'examen préliminaire** (Règle 58) | **800 $** |

* International fees will be reduced by:

- **$269** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$404** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

* Les frais seront réduits de:

- **269 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **404 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

## 12. PCT Notices

### Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (**publications.mail@wipo.int**) or visit their Web site (**www.wipo.int**).

## 12. Avis PCT

### Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (**publications.mail@wipo.int**) ou visiter leur site Web (**www.wipo.int**).

## 13. Practice Notice

### STATUTORY HOLIDAYS *(DIES NON)*

**Note:** *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

**Time limits under the *Patent, Trade-marks, Industrial Design, Copyright* and *Integrated Circuit Topography Acts***

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Industry Canada regional office; or a Registered Mail establishment) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

**Time limits under the *Patent* and *Trade-marks Acts***

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trademark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts.*

## 13. Énoncé de pratique

### JOURS FÉRIÉS (*DIES NON*)

**Nota :** *Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.*

**Délais prévus dans *les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur* et *les topographies de circuits intégrés***

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

**Délais prévus dans la *Loi sur les brevets* et dans la *Loi sur les marques de commerce***

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

## Time limits under the Patent Cooperation Treaty

Rule 80.5 of the *Regulations under the PCT* provides:

"If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

on which such Office or organization is not open to the public for the purposes of the transaction of official business;
on which ordinary mail is not delivered in the locality in which such Office or organization is situated;
which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or
which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; the period shall expire on the next subsequent day on which none of the said four circumstances exists."

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to whether such extensions would be recognized by other countries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

## Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

## Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit :

"Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour :

où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;
où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;
qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou
qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus."

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

## Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après ne sont pas des jours fériés pour l'administration fédérale, mais ils sont des jours fériés dans au moins une province ou territoire :

1) **Alberta:** 3rd Monday in February (Alberta Family Day)
2) **British Columbia:** 1st Monday in August (British Columbia Day)
3) **New Brunswick:** 1st Monday in August (New Brunswick Day)
4) **Nova Scotia:** 1st Monday in August (Civic Holiday)
5) **Ontario:** 3rd Monday in February (Ontario Family Day) 1st Monday in August (Civic Holiday)
6) **Quebec:** June 24 (St. John the Baptist Day)
7) **Saskatchewan:** 1st Monday in August (Saskatchewan Day)
8) **Yukon:** 3rd Monday in August (Discovery Day) When Patent and Trade-marks Offices are closed for business

1) **Alberta** : 3e lundi de février (Jour de la Famille de l'Alberta)
2) **Colombie-Britannique** : 1er lundi d'août (Fête de la Colombie-Britannique)
3) **Nouveau-Brunswick** : 1er lundi d'août (Fête du Nouveau-Brunswick)
4) **Nouvelle-Écosse** : 1er lundi d'août (congé statutaire)
5) **Ontario** : 3e lundi de février (Jour de la Famille de l'Ontario) 1er lundi d'août (congé statuaire)
6) **Québec** : 24 juin (Saint-Jean-Baptiste)
7) **Saskatchewan** : 1er lundi d'août (Fête de la Saskatchewan)
8) **Yukon** : 3e lundi d'août (Jour de la Découverte) Jours de fermeture au public des bureaux des brevets et des marques de commerce

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

All Saturdays and Sundays
*New Year's Day (Jan. 1)
Good Friday
Easter Monday
Victoria Day - First Monday immediately preceding May 25
*St. John the Baptist Day (June 24)
*Canada Day (July 1)
Labour Day - First Monday in September
Thanksgiving Day - Second Monday in October
*Remembrance Day (November 11)
*Christmas Day (December 25)
Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants :

Tous les samedi et dimanche
*Jour de l'An (1er janvier)
Vendredi Saint
Lundi de Pâques
Fête de Victoria - premier lundi précédant immédiatement le 25 mai
*Saint-Jean-Baptiste (le 24 juin)
*Fête du Canada (1er juillet)
Fête du travail - premier lundi de septembre
Jour de l'Action de grâces - deuxième lundi d'octobre
*Jour du souvenir (11 novembre)
*Jour de Noël (25 décembre)
L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

## 14. Practice Notice

**LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS**

**Note:** *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

## 14. Énoncé de pratique

**LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE**

**Nota :** *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the Offices.

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée (en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

## 15. Correspondence Procedures

May 24, 2016

**This notice will replace all previous notices regarding Correspondence Procedures.**

**Note:** *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

For the purposes of sections 5 and 54 of the *Patent Rules*, section 3 of the *Trade-marks Regulations*, section 2 of the *Copyright Regulations*, section 3 of the *Industrial Design Regulations* and section 3 of the *Integrated Circuit Topography Regulations*, the address of the Patent Office, the Office of the Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the *Patent Act* for obtaining a filing date, the documents will be returned to the sender.

**Note regarding Fee Payment Forms:** The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

## 15. Procédures de correspondance

le 24 mai, 2016

**Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance .**

**Nota :** *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

Aux fins des articles 5 et 54 des *Règles sur les brevets*, de l'article 3 du *Règlement sur les marques de commerce*, de l'article 2 du *Règlement sur le droit d'auteur*, de l'article 3 du *Règlement sur les dessins industriels* et de l'article 3 du *Règlement sur les topographies de circuits intégrés*, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus pendant les heures normales d'ouverture sera réputée reçue le jour de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la *Loi sur les brevets* pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

**Note concernant le formulaire de paiements:** Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

## 1. Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-marks Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Industry Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 613-952-2268

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Industry Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6
   Tel.: 514-496-1797
   Toll-free: 1 888 237-3037

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Industry Canada
   151 Yonge Street, 4th Floor
   Toronto ON M5C 2W7
   Tel.: 416-973-5000

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Industry Canada
   Canada Place
   9700 Jasper Avenue, Suite 725
   Edmonton AB T5J 4C3
   Tel.: 780-495-4782
   Toll-free: 1 800 461-2646

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Industry Canada
   Library Square
   300 West Georgia Street, Suite 2000
   Vancouver BC V6B 6E1
   Tel.: 604-666-5000

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which

## 1. Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Industrie Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 613-952-2268

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Industrie Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6
   Tél. : 514-496-1797
   Sans frais : 1-888-237-3037

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Industrie Canada
   151, rue Yonge, 4e étage
   Toronto (Ontario) M5C 2W7
   Tél. : 416-973-5000

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Industrie Canada
   Canada Place
   9700, avenue Jasper, pièce 725
   Edmonton (Alberta) T5J 4C3
   Tél. : 780-495-4782
   Sans frais : 1-800-461-2646

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Industrie Canada
   Library Square
   300, rue Georgia Ouest, pièce 2000
   Vancouver (C.-B.) V6B 6E1
   Tél. : 604-666-5000

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date.

CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. If, for example, correspondence intended for the Patent Office is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as this is a day on which CIPO is closed for business.

Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, le courrier destiné au Bureau des brevets et livré le 24 juin à l'établissement désigné à Toronto ne se verra pas attribuer cette date de réception puisque l'OPIC est alors fermé au public.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

**2. *Registered Mail™* and *Xpresspost™* Service of Canada Post**

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-mark Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the *Registered Mail ™* and *Xpresspost™* services of Canada Post are designated establishment or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the *Registered Mail ™* and *Xpresspost™* services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

**2. Service *Courrier recommandé MC* et *XpresspostMC* de Postes Canada**

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les services *Courrier recommandéMC* et *XpresspostMC* de Postes Canada sont des établissements ou des bureaux désignés auquels la correspondance adressée au commissaire aux brevets, Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

L'OPIC considère que la correspondance livrée par l'entremise des services *Courrier recommandéMC* et *XpresspostMC* de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

**3. Electronic Correspondence**

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, subsection 3(6) of the *Trade-marks Regulations*, subsection 2(6) of the *Copyright Regulations*, subsection 3(6) of the *Industrial Design Regulations*, and subsection 3(6) of the *Integrated Circuit Topography Regulations*, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online via CIPO's Web site or on an electronic medium only as provided in the current notice.

**3. Correspondance électronique**

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, du paragraphe 3(6) du *Règlement sur les marques de commerce*, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du *Règlement sur les dessins industriels* et du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne sur le site web de l'OPIC ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

In accordance with subsection 54(5) of the *Patent Rules*, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the

Conformément au paragraphe 54(5) des *Règles sur les brevets*, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à

national phase will not be accepted.

des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Subsection 3(9) of the *Trade-marks Regulations* specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Le paragraphe 3(9) du *Règlement sur les marques de commerce* prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

### 3.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

819-953-CIPO (953-2476) or
819-953-OPIC (953-6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

***Patents***

The document presentation requirements set out in sections 69 and 70 of the *Patent Rules* apply to facsimile correspondence.

### 3.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

819-953-OPIC (953-6742) ou
819-953-CIPO (953-2476)

La correspondance par télécopieur qui est transmise à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevez après votre envoi par télécopieur constituera votre accusé de réception de l'envoie. La confidentialité du processus de transmission par télécopieur ne peut pas être garantie.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

***Brevets***

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des *Règles sur les brevets* s'appliquent à la correspondance par télécopieur.

### 3.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically via CIPO's Web site.

### 3.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC.

*Patents*

For the purpose of subsection 5(6) of the *Patent Rules*, the following correspondence with the Patent Office may be sent electronically via CIPO's web site by accessing the following web pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe and ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register of patent agents;
- ordering copies in paper, or electronic form of a document.

**Canada as Receiving Office Under the PCT: PCT-SAFE and ePCT**

Pursuant to PCT Rule 89*bis*, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT e-Filing.

**Note:** Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

*Trade-marks*

For the purpose of subsection 3(6) of the *Trade-marks Regulations*, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically via CIPO's Web site, by accessing the following web pages:

- filing a new or revised trade-mark application;
- renewal of a trade-mark registration;
- request to enter a name on the list of trade-mark agents;
- annual renewal of a trade-mark agent;
- requesting copies of trade-mark documents;
- filing of a declaration of use;
- registration of a trade-mark application; and
- statement of Opposition; and
- extensions of time in trade-mark opposition cases.

*Brevets*

Aux fins du paragraphe 5(6) des *Règles sur les brevets*, la correspondance suivante destinée au Bureau des brevets peut être envoyés par voie électronique au moyen du site Web de l'OPIC, notamment par les pages Web suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe et ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

**Le Canada comme office récepteur au titre du PCT: PCT-SAFE et ePCT**

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT

**Note:** La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

*Marques de commerce*

Aux fins du paragraphe 3(6) du *Règlement sur les marques de commerce*, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être transmise par voie électronique sur le site Web de l'OPIC notamment par les pages Web suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce.
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

*Copyright*

For the purpose of subsection 2(6) of the *Copyright Regulations*, the following correspondence addressed to the Copyright Office may be sent electronically via CIPO's Web site, by accessing the following web pages:

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

*Droits d'auteur*

Aux fins du paragraphe 2(6) du *Règlement sur le droit d'auteur*, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre,
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

*Industrial Designs*

For the purpose of subsection 3(6) of the *Industrial Design Regulations*, the following correspondence addressed to the Commissioner of Patents may be sent electronically via CIPO's web site, by accessing the following web pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

*Dessins industriels*

Aux fins du paragraphe 3(6) du *Règlement sur les dessins industriels*, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

*Integrated Circuit Topographies*

For the purpose of subsection 3(6) of the *Integrated Circuit Topography Regulations*, the following correspondence addressed to the Registrar of Topographies may be sent electronically via CIPO's web site, by accessing the following web pages:

- general correspondence relating to integrated circuit topographies.

*Topographies de circuits integers*

Topographies de circuits intégrés
Aux fins du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- correspondance générale relative aux topographies de circuits intégrés.

**3.3 Electronic Medium**

*Patents*

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements

**3.3 Supports électroniques**

*Brevets*

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande.

prescribed in the *Patent Rules* still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the *Patent Rules*, the electronic medium must be separate from any electronic medium which may be filed containing parts of the application itself or amendment(s) thereof.

Les exigences relatives à la date de dépôt énoncées dans les *Règles sur les brevets* resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des *Règles sur les brevets*, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui contient des parties de la demande elle-même ou des modifications relatives à la demande.

**Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings**

Pursuant to *PCT Rules* 89*bis* and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or
ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing

**Le Canada comme office récepteur au titre du PCT: Dépôt électronique des listages de séquences**

Conformément aux *Règles* 89bis et 89ter *du PCT* et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou
ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des

fee, refer to Section 7 of the PCT Administrative Instructions.

séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationaleale.

**Electronic Media accepted by the Patent Office**

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

**Supports électroniques acceptés par le Bureau des brevets**

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

**4. Details concerning the electronic formats accepted**

***Patents***

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, the acceptable file formats for documents submitted electronically via the web site or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the *Patent Rules*, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black & white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;

**4. Précisions concernant les formats électroniques acceptés**

***Brevets***

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, les formats de fichiers acceptables pour les documents présentés par voie électronique sur le site Web ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des *Règles sur les brevets*, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Résolution : 300 ou 400 ppp;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF :

- Compatible avec Adobe Portable Document Format Version 1.4;
- Texte non comprimé, pour faciliter la recherche;
- Texte non chiffré;

- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

ASCII Format:

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

***Industrial Design***

For the purposes of subsections 3(6) and 12(3) of the *Industrial Design Regulations*, the acceptable file formats for documents submitted electronically via the web site are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database.

**5. General Information**

General information may be obtained by communicating with CIPO's Client Service Centre.

- Pas d'objets OLE incorporés;
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

Format ASCII :

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

***Dessins industriels***

Aux fins des paragraphes 3(6) et 12(3) du *Règlement sur les dessins industriels*, les formats de fichiers acceptables pour les documents présentés électroniquement par le site Web sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris);
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Pour toutes les images soumises dans différents formats, le bureau peut imprimer les images et les balayer par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données.

**5. Renseignements généraux**

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

## 16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of May 23, 2017 contains applications open to public inspection from May 7, 2017 to May 13, 2017.

## 16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 23 mai 2017 contient les demandes disponibles au public pour consultation pour la période du 7 mai 2017 au 13 mai 2017.

# Canadian Patents Issued

May 23, 2017

# Brevets canadiens délivrés

23 mai 2017

---

[11] **2,424,394**
[13] C
[51] **Int.Cl. A61K 38/39 (2006.01) A61K 38/27 (2006.01) A61K 38/30 (2006.01) A61K 38/31 (2006.01) A61P 1/00 (2006.01) A61P 5/00 (2006.01) A61P 9/10 (2006.01) A61P 19/04 (2006.01) A61P 19/10 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **GROWTH FACTOR COMPLEX COMPRISING AN INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN BOUND TO VITRONECTIN**
[54] **COMPLEXE DE FACTEURS DE CROISSANCE COMPRENANT UNE PROTEINE DE LIAISON DU FACTEUR DE CROISSANCE INSULINOIDE LIEE A LA VITRONECTINE**
[72] UPTON, ZEE, AU
[72] KRICKER, JENNIFER ANN, AU
[73] TISSUE THERAPIES LIMITED, AU
[85] 2003-03-21
[86] 2001-09-24 (PCT/AU2001/001196)
[87] (WO2002/024219)
[30] AU (PR 0309) 2000-09-22

---

[11] **2,477,916**
[13] C
[51] **Int.Cl. A61B 18/02 (2006.01)**
[25] EN
[54] **CRYOSURGERY DEVICE**
[54] **DISPOSITIF DE CRYOCHIRURGIE**
[72] HOWLETT, HAROLD A., US
[72] JOHNSON,ROBERT C., US
[72] LUNDY, CHARLES E., US
[72] SU, ERIC CHEN-NAN, US
[73] BAYER CONSUMER CARE AG, CH
[86] (2477916)
[87] (2477916)
[22] 2004-08-17
[30] US (10/643,301) 2003-08-19

---

[11] **2,520,138**
[13] C
[51] **Int.Cl. C07K 19/00 (2006.01) C07K 14/47 (2006.01) C07K 14/475 (2006.01) C07K 14/52 (2006.01) C07K 14/525 (2006.01) C07K 14/54 (2006.01) C07K 14/705 (2006.01) C07K 14/715 (2006.01)**
[25] EN
[54] **IMPROVED FC FUSION PROTEINS**
[54] **PROTEINES HYBRIDES FC AMELIOREES**
[72] WALCZAK, HENNING, DE
[73] DEUTSCHES KREBSFORCHUNGSZENTRUM STIFTUNG DES OEFFENTLICHEN RECHTS, DE
[73] APOGENIX AG, DE
[85] 2005-09-22
[86] 2004-03-26 (PCT/EP2004/003239)
[87] (WO2004/085478)
[30] EP (03006949.6) 2003-03-26

---

[11] **2,536,103**
[13] C
[51] **Int.Cl. H04L 12/24 (2006.01) H04N 21/222 (2011.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR INTERNET PROTOCOL PROVISIONING OF CUSTOMER PREMISES EQUIPMENT**
[54] **PROCEDE ET SYSTEME D'APPROVISIONNEMENT D'UN PROTOCOLE INTERNET D'UN EQUIPEMENT DE PREMISSES CLIENT**
[72] WOUNDY, RICHARD, US
[72] BEVILACQUA, JOHN G., US
[73] COMCAST CABLE COMMUNICATIONS, LLC, US
[85] 2006-02-16
[86] 2004-09-07 (PCT/US2004/028907)
[87] (WO2005/024588)
[30] US (60/501,231) 2003-09-05

---

[11] **2,544,528**
[13] C
[51] **Int.Cl. G05B 11/01 (2006.01) G05D 7/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR CONTROLLING IRRIGATION USING COMPUTED EVAPOTRANSPIRATION VALUES**
[54] **PROCEDE ET SYSTEME POUR REGULER L'IRRIGATION AU MOYEN DE VALEURS D'EVAPOTRANSPIRATION CALCULEES**
[72] MARIAN, MICHAEL, US
[73] HYDROPOINT DATA SYSTEMS, INC, US
[85] 2006-05-01
[86] 2004-10-29 (PCT/US2004/036414)
[87] (WO2005/074439)
[30] US (60/515,905) 2003-10-29
[30] US (60/515,932) 2003-10-29
[30] US (60/515,628) 2003-10-29

---

[11] **2,564,392**
[13] C
[51] **Int.Cl. G11B 27/10 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PLAYBACKING OPTICAL DISC**
[54] **PROCEDE ET APPAREIL DE REPRODUCTION D'UN DISQUE OPTIQUE**
[72] PENG, YANG, CN
[72] HE, DAHUA, CN
[72] JIN, SHENG, CN
[73] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL
[85] 2006-10-25
[86] 2005-04-12 (PCT/IB2005/051191)
[87] (WO2005/106879)
[30] CN (200410045668.4) 2004-04-29

[11] **2,590,266**
[13] C
[51] **Int.Cl. H04W 24/10 (2009.01) H04W 36/30 (2009.01) H04W 72/08 (2009.01)**
[25] EN
[54] **METHOD FOR HANDOVER BETWEEN ATC AND SATELLITE COMPONENT OF AN INTEGRATED MSS/ATC SYSTEM**
[54] **METHODE DE TRANSFERT ENTRE LA COMPOSANTE TERRESTRE AUXILIAIRE (ATC) ET LA COMPOSANTE SATELLITAIRE D'UN SYSTEME SMS/ATC INTEGRE**
[72] MONTE, PAUL A., US
[72] GALLAGHER, VIJAYA, US
[72] SHAH, BRINDA T., US
[73] GLOBALSTAR, INC., US
[86] (2590266)
[87] (2590266)
[22] 2007-05-29
[30] US (11/446,992) 2006-06-05

---

[11] **2,590,580**
[13] C
[51] **Int.Cl. H01J 49/04 (2006.01) G01N 27/447 (2006.01) G01N 30/72 (2006.01)**
[25] EN
[54] **A METHODS AND INTERFACES FOR SINGLE AND MULTIDIMENTIONAL SEPARATIONS FOR CHARACTERIZATION AND/OR IDENTIFICATION OF MOLECULES BY MASS SPECTROMETRY**
[54] **PROCEDES ET INTERFACES DE SEPARATIONS SIMPLES ET MULTIDIMENSIONNELLES, AUX FINS DE CARACTERISATION ET/OU D'IDENTIFICATION DE MOLECULES PAR SPECTROMETRIE DE MASSE**
[72] ASTORGA-WELLS, JUAN, SE
[73] CAPTURE DEVICE AB, SE
[85] 2007-06-06
[86] 2005-12-06 (PCT/SE2005/001844)
[87] (WO2006/062471)
[30] SE (0402966-6) 2004-12-06

---

[11] **2,591,128**
[13] C
[51] **Int.Cl. H04L 12/58 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **A METHOD AND SYSTEM FOR GENERATING AND PROCESSING ELECTRONIC MEETING COMMUNICATIONS FOR MULTIPLE FORMATS**
[54] **METHODE ET SYSTEME PERMETTANT DE REALISER ET DE TRAITER DES COMMUNICATIONS DE TELEREUNIONS POUR TYPES DE PRESENTATIONS MULTIPLES**
[72] LAM, WING YOUNG, CA
[72] VAN, ANH NGOC, CA
[73] BLACKBERRY LIMITED, CA
[86] (2591128)
[87] (2591128)
[22] 2007-06-01
[30] EP (EP06115070.2) 2006-06-07

---

[11] **2,602,299**
[13] C
[51] **Int.Cl. A61B 3/14 (2006.01) A61B 3/00 (2006.01) A61B 3/10 (2006.01)**
[25] EN
[54] **PUPILOMETER FOR PUPIL CENTER DRIFT AND PUPIL SIZE MEASUREMENTS AT DIFFERING VIEWING DISTANCES**
[54] **PUPILLOMETRE DESTINE A MESURER LA DERIVE DU CENTRE D'UNE PUPILLE ET LA TAILLE D'UNE PUPILLE A DIFFERENTES DISTANCES D'OBSERVATION**
[72] CHERNYAK, DIMITRI, US
[73] VISX, INCORPORATED, US
[85] 2007-09-18
[86] 2006-02-22 (PCT/US2006/006242)
[87] (WO2006/101656)
[30] US (11/088,010) 2005-03-22

---

[11] **2,605,402**
[13] C
[51] **Int.Cl. C12N 15/13 (2006.01) A61K 39/395 (2006.01) A61P 37/02 (2006.01) C07K 14/53 (2006.01) C07K 16/24 (2006.01)**
[25] EN
[54] **ANTIBODY NEUTRALIZERS OF HUMAN GRANULOCYTE MACROPHAGE COLONY STIMULATING FACTOR**
[54] **NEUTRALISANTS D'ANTICORPS DU FACTEUR DE STIMULATION DES COLONIES DE GRANULOCYTES/MACROPHAGE S (GM-CSF) HUMAIN**
[72] RAUM, TOBIAS, DE
[72] HEPP (NEE HENCKEL), JULIA, CH
[72] VIESER, EVA, DE
[72] PETSCH (NEE MITTELSTRASS), SILKE, DE
[72] ZEMAN, STEVEN, DE
[72] WOLF, ANDREAS, DE
[72] BRUCKMAIER, SANDRA, DE
[73] AMGEN RESEARCH (MUNICH) GMBH, DE
[85] 2007-10-18
[86] 2006-04-18 (PCT/EP2006/003528)
[87] (WO2006/111353)
[30] EP (05008410.2) 2005-04-18

---

[11] **2,605,637**
[13] C
[51] **Int.Cl. H04N 1/00 (2006.01) H04N 1/04 (2006.01)**
[25] EN
[54] **SCANNER TO PROJECTION**
[54] **LECTEUR OPTIQUE DE PROJECTION**
[72] DUFRESNE DE VIREL, FRANCOIS, FR
[73] MORPHO, FR
[86] (2605637)
[87] (2605637)
[22] 2007-10-04
[30] FR (06/08728) 2006-10-04

[11] **2,613,737**
[13] C
[51] **Int.Cl. A61K 38/21 (2006.01) C07K 14/57 (2006.01)**
[25] EN
[54] **RECOMBINANT INTERFERON .ALPHA.2 (IFN.ALPHA.2) MUTANTS**
[54] **MUTANTS D'INTERFERON ALPHA 2 (IFN.ALPLA.2) RECOMBINANTS**
[72] SCHREIBER, GIDEON, IL
[72] ROISMAN, LAILA C., IL
[72] JAITIN, DIEGO, IL
[72] KALIE, EYAL, IL
[73] YEDA RESEARCH AND DEVELOPMENT CO. LTD., IL
[85] 2007-12-28
[86] 2006-06-28 (PCT/IL2006/000754)
[87] (WO2007/000769)
[30] US (60/694,810) 2005-06-29

[11] **2,616,287**
[13] C
[51] **Int.Cl. B60K 17/00 (2006.01)**
[25] EN
[54] **STEERING SYSTEMS, STEERING AND SPEED COORDINATION SYSTEMS, AND ASSOCIATED VEHICLES**
[54] **SYSTEMES DE DIRECTION, SYSTEMES PERMETTANT DE COORDONNER LA DIRECTION ET LA VITESSE ET VEHICULES ASSOCIES**
[72] SCHAEDLER, AXEL, US
[72] HAUSER, HANS, US
[72] RUEBUSCH, RICK, US
[72] CORNWELL, IAN DAVID, GB
[72] GREENWOOD, CHRIS, GB
[73] MTD PRODUCTS INC, US
[85] 2008-01-22
[86] 2006-07-21 (PCT/US2006/028357)
[87] (WO2007/014030)
[30] US (60/701,716) 2005-07-22
[30] US (60/710,231) 2005-08-22
[30] US (60/731,593) 2005-10-28

[11] **2,621,056**
[13] C
[51] **Int.Cl. H04L 9/32 (2006.01) H04N 21/441 (2011.01) H04L 12/26 (2006.01) H04N 7/20 (2006.01)**
[25] EN
[54] **NETWORK FRAUD PREVENTION VIA REGISTRATION AND VERIFICATION**
[54] **PREVENTION DE FRAUDE DANS LE RESEAU VIA L'ENREGISTREMENT ET LA VERIFICATION**
[72] JAMES, THOMAS H., US
[72] SHAH, DIPAK M., US
[73] THE DIRECTV GROUP, INC., US
[85] 2008-02-29
[86] 2006-08-30 (PCT/US2006/033558)
[87] (WO2007/027626)
[30] US (11/219,418) 2005-09-02

[11] **2,628,107**
[13] C
[51] **Int.Cl. B01D 57/02 (2006.01) G01N 27/00 (2006.01)**
[25] EN
[54] **MATRIX AND DYNAMIC POLYMER SYSTEMS AND COMPOSITIONS FOR MICROCHANNEL SEPARATION**
[54] **SYSTEMES DE POLYMERES MATRICIELS ET DE POLYMERES DYNAMIQUES, ET COMPOSITIONS POUR LA SEPARATION DE MICROCANAL**
[72] BARRON, ANNELISE E., US
[72] KAN, CHEUK WAI, US
[72] FREDLAKE, CHRISTOPHER P., US
[73] NORTHWESTERN UNIVERSITY, US
[85] 2008-04-30
[86] 2006-11-01 (PCT/US2006/042964)
[87] (WO2007/053769)
[30] US (60/732,398) 2005-11-01

[11] **2,639,507**
[13] C
[51] **Int.Cl. A61B 17/04 (2006.01) A61B 17/56 (2006.01)**
[25] EN
[54] **DUAL THREAD CANNULATED SUTURE ANCHOR**
[54] **DISPOSITIF D'ANCRAGE DE SUTURE CANULE A FILETAGE DOUBLE**
[72] DIMATTEO, KRISTIAN, US
[72] KILBURN-PETERSON, CHRIS, US
[72] CAULDWELL, NATHAN S., US
[72] HOWE, JONATHAN, US
[72] WEST, HUGH S., US
[73] DEPUY MITEK, LLC, US
[86] (2639507)
[87] (2639507)
[22] 2008-09-12
[30] US (11/855,670) 2007-09-14
[30] US (11/855,728) 2007-09-14

[11] **2,640,891**
[13] C
[51] **Int.Cl. H05B 6/08 (2006.01) B23K 31/12 (2006.01)**
[25] EN
[54] **RESISTANCE WELDING MACHINE PINCH POINT SAFETY SENSOR**
[54] **CAPTEUR DE SECURITE DE POINTS DE PINCEMENT DESTINE A UNE MACHINE DE SOUDAGE PAR RESISTANCE**
[72] HIRSCH, ROGER, US
[73] HIRSCH, ROGER, US
[85] 2008-06-26
[86] 2006-12-21 (PCT/US2006/049131)
[87] (WO2007/079041)
[30] US (60/755,434) 2005-12-30

[11] **2,641,186**
[13] C
[51] **Int.Cl. B63B 21/00 (2006.01) G01C 13/00 (2006.01) G06F 19/00 (2011.01) G07C 5/08 (2006.01)**
[25] EN
[54] **WATERCRAFT AUTOMATION AND AQUATIC EFFORT DATA UTILIZATION**
[54] **AUTOMATISATION DES VEHICULES MARINS ET UTILISATION DES DONNEES D'EFFORT AQUATIQUE**
[72] GRACE, TED V., US
[72] GRACE, RYAN T., US
[73] GARMIN SWITZERLAND GMBH, CH
[86] (2641186)
[87] (2641186)
[22] 2008-10-16
[30] US (11/875,659) 2007-10-19

---

[11] **2,645,534**
[13] C
[51] **Int.Cl. G08B 17/10 (2006.01) G08B 25/10 (2006.01) G08B 29/14 (2006.01)**
[25] EN
[54] **ALARM SYSTEM**
[54] **SYSTEME D'ALARME**
[72] HART, STUART ARTHUR, GB
[72] RUTTER, NICHOLAS ALEXANDER, GB
[73] FIREANGEL LIMITED, GB
[85] 2008-09-24
[86] 2007-03-06 (PCT/GB2007/000761)
[87] (WO2007/101984)
[30] GB (0604336.8) 2006-03-06

---

[11] **2,649,203**
[13] C
[51] **Int.Cl. E21B 43/267 (2006.01) E21B 33/068 (2006.01)**
[25] EN
[54] **PROPPANT ADDITION SYSTEM AND METHOD**
[54] **INSTALLATION ET METHODE D'ADJONCTION D'AGENT DE SOUTENEMENT**
[72] FORDYCE, VICTOR, CA
[72] LOREE, DWIGHT N., CA
[73] STEP ENERGY SERVICES LTD., CA
[86] (2649203)
[87] (2649203)
[22] 2008-12-24

---

[11] **2,653,992**
[13] C
[51] **Int.Cl. C12N 15/32 (2006.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C07H 21/00 (2006.01) C07K 14/325 (2006.01) C12N 5/10 (2006.01) C12N 15/11 (2006.01) C12N 15/29 (2006.01) C12N 15/82 (2006.01) C12N 15/90 (2006.01) C12Q 1/68 (2006.01) C12P 19/34 (2006.01)**
[25] EN
[54] **CORN EVENT MIR162**
[54] **EVENEMENT DE TRANSFORMATION DE MAIS MIR162**
[72] LONG, NYKOLL, US
[72] PULLIAM, DERRICK, US
[72] BOTTOMS, JEFF, US
[72] MEGHJI, MOEZ, US
[72] HART, HOPE, US
[72] QUE, QIUDENG, US
[73] SYNGENTA PARTICIPATIONS AG, CH
[85] 2008-12-01
[86] 2007-05-24 (PCT/US2007/012301)
[87] (WO2007/142840)
[30] US (60/810,499) 2006-06-03

---

[11] **2,658,468**
[13] C
[51] **Int.Cl. A61K 8/49 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **ORAL COMPOSITIONS, THEIR PREPARATION AND USE**
[54] **COMPOSITIONS ORALES, LEUR PREPARATION ET LEUR UTILISATION**
[72] RIPLEY, IAN, GB
[72] THOMAS, HOWARD, GB
[73] ORALDENT LIMITED, GB
[85] 2009-01-20
[86] 2007-07-20 (PCT/GB2007/002758)
[87] (WO2008/009958)
[30] GB (0614353.1) 2006-07-20

---

[11] **2,662,804**
[13] C
[51] **Int.Cl. H04W 88/06 (2009.01) H01Q 1/24 (2006.01) H01Q 9/30 (2006.01) H05K 5/00 (2006.01)**
[25] EN
[54] **MOBILE WIRELESS COMMUNICATIONS DEVICE WITH SELECTIVE ANTENNA LOAD SWITCHING AND RELATED METHODS**
[54] **DISPOSITIF DE COMMUNICATION SANS FIL MOBILE AVEC TRANSFERT SELECTIF DE CHARGE DES ANTENNES**
[72] MAN, YING TONG, CA
[72] QI, YIHONG, CA
[72] BANDURSKA, KRYSTYNA, CA
[72] COOKE, ADRIAN, CA
[73] BLACKBERRY LIMITED, CA
[86] (2662804)
[87] (2662804)
[22] 2009-04-16
[30] US (61/051,432) 2008-05-08
[30] EP (08161563.5) 2008-07-31

---

[11] **2,664,318**
[13] C
[51] **Int.Cl. C12N 15/20 (2006.01) A61K 38/17 (2006.01) A61K 38/21 (2006.01) A61K 38/22 (2006.01) A61K 48/00 (2006.01) A61P 7/06 (2006.01) C12N 15/18 (2006.01) C12N 15/67 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **LONG LASTING DRUG FORMULATIONS**
[54] **FORMULATIONS DE MEDICAMENT DE LONGUE DUREE**
[72] PEARLMAN, ANDREW L., IL
[73] MEDGENICS MEDICAL ISRAEL, LTD., IL
[85] 2009-03-16
[86] 2007-09-12 (PCT/US2007/019774)
[87] (WO2008/033375)
[30] US (60/844,351) 2006-09-14

[11] **2,667,915**
[13] C
[51] **Int.Cl. H01R 43/04 (2006.01) H01R 43/048 (2006.01)**
[25] EN
[54] **CRIMPING TOOL CONNECTOR LOCATOR**
[54] **LOCALISATEUR DE CONNECTEUR POUR SERTISSEUSE**
[72] ROMAN, RICHARD M., JR., US
[72] LEFAVOUR, JOHN D., US
[72] FAUCHER, THOMAS R., US
[72] BECK, ALAN D., US
[72] CHIASSON, MARK A., US
[72] PETERSON, JENNIFER M., US
[72] AYER, JOHN W., US
[72] ROBICHEAU, RICHARD E., US
[72] PARKER, JUSTIN LLOYD, US
[72] VACHON, BERNARD P., US
[73] HUBBELL INCORPORATED, US
[86] (2667915)
[87] (2667915)
[22] 2009-06-01
[30] US (61/130,672) 2008-06-02
[30] US (61/133,397) 2008-06-27
[30] US (12/473,721) 2009-05-28

---

[11] **2,671,582**
[13] C
[51] **Int.Cl. H01H 1/12 (2006.01) H01H 1/42 (2006.01) H01H 33/02 (2006.01) H01R 4/52 (2006.01)**
[25] EN
[54] **ELECTRICAL SWITCH**
[54] **SECTIONNEUR**
[72] DE FRANCE, ROBERT V., US
[73] HUBBELL INCORPORATED, US
[86] (2671582)
[87] (2671582)
[22] 2009-07-08
[30] US (61/134,475) 2008-07-09
[30] US (12/454,349) 2009-05-15

---

[11] **2,673,476**
[13] C
[51] **Int.Cl. C10C 3/00 (2006.01) F26B 3/04 (2006.01) F26B 11/00 (2006.01) F26B 19/00 (2006.01) F26B 21/00 (2006.01) F27D 17/00 (2006.01)**
[25] EN
[54] **PRE-AGGREGATE DRYING METHOD AND ENERGY EFFICIENT ASPHALT PLANT**
[54] **METHODE DE SECHAGE DE PREAGREGAT ET USINE D'ASPHALTE ECONERGETIQUE**
[72] MUSIL, JOSEPH E., US
[73] CMI ROADBUILDING LIMITED, GB
[86] (2673476)
[87] (2673476)
[22] 2009-07-21
[30] US (61/082,555) 2008-07-22
[30] US (12/504,464) 2009-07-16

---

[11] **2,673,705**
[13] C
[51] **Int.Cl. C23C 16/26 (2006.01) C23C 30/00 (2006.01) H01L 21/768 (2006.01) H01L 23/532 (2006.01)**
[25] EN
[54] **INTERFACE-INFUSED NANOTUBE INTERCONNECT**
[54] **INTERCONNEXIONS DE NANOTUBE INFUSEES PAR INTERFACE**
[72] SLINKER, KEITH A., US
[72] POENITZSCH, VASILIKI Z., US
[73] LOCKHEED MARTIN CORPORATION, US
[86] (2673705)
[87] (2673705)
[22] 2009-07-22
[30] US (12/180,106) 2008-07-25

---

[11] **2,674,247**
[13] C
[51] **Int.Cl. E01H 5/10 (2006.01) E01C 23/14 (2006.01)**
[25] EN
[54] **MOBILE SURFACE DRYING APPARATUS**
[54] **APPAREIL DE SECHAGE DE SURFACE MOBILE**
[72] FRIESEN, JOHN, CA
[72] FRIESEN, JACOB, CA
[72] BRUSH, ROB, CA
[73] FRIESEN, JOHN, CA
[73] FRIESEN, JACOB, CA
[73] BRUSH, ROB, CA
[86] (2674247)
[87] (2674247)
[22] 2009-07-30
[30] US (61/085,122) 2008-07-31

---

[11] **2,675,291**
[13] C
[51] **Int.Cl. A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **KILLER IG-LIKE RECEPTOR (KIR) ANTIBODIES, FORMULATIONS, AND USES THEREOF**
[54] **ANTICORPS ANTI-KIR, FORMULATIONS ET UTILISATIONS DE CELLES-CI**
[72] WAGTMANN, PETER ANDREAS NICOLAI REUMERT, DK
[72] SVENDSEN, IVAN, DK
[72] SVENSSON, ROZANA, SE
[72] ALIFRANGIS, LENE HJORTH, DK
[72] OVERGAARD, RUNE VIIG, DK
[73] NOVO NORDISK A/S, DE
[85] 2009-07-10
[86] 2008-01-11 (PCT/EP2008/050306)
[87] (WO2008/084106)
[30] US (60/879,964) 2007-01-11
[30] US (60/911,527) 2007-04-13

[11] **2,676,110**
[13] C
[51] **Int.Cl. H02G 3/14 (2006.01) H01H 9/02 (2006.01) H01R 13/02 (2006.01)**
[25] EN
[54] **MULTI-PIECE COVERPLATE ASSEMBLY AND MODULAR DEVICE ASSEMBLY**
[54] **ASSEMBLAGE DE COUVERTURE MULTIPIECE ET ASSEMBLAGE DE DISPOSITIF MODULAIRE**
[72] KIMBRELL, EDDIE, US
[72] LICHOULAS, TED, US
[73] AFL TELECOMMUNICATIONS LLC, US
[85] 2009-07-21
[86] 2008-06-18 (PCT/US2008/067297)
[87] (WO2008/157579)
[30] US (60/944,607) 2007-06-18

---

[11] **2,678,158**
[13] C
[51] **Int.Cl. B82B 1/00 (2006.01) B32B 27/00 (2006.01) C08K 3/04 (2006.01)**
[25] EN
[54] **ALIGNED CARBON NANOTUBE-POLYMER MATERIALS, SYSTEMS AND METHODS**
[54] **MATERIAUX POLYMERES A NANOTUBES DE CARBONES ALIGNES, SYSTEMES ET PROCEDES**
[72] AJAYAN, PULICKEL M., US
[72] DHINOJWALA, ALI, US
[73] THE UNIVERSITY OF AKRON, US
[73] RENSSELAER POLYTECHNIC INSTITUTE, US
[85] 2009-08-13
[86] 2008-02-15 (PCT/US2008/054061)
[87] (WO2008/115640)
[30] US (11/675,442) 2007-02-15

---

[11] **2,680,809**
[13] C
[51] **Int.Cl. B62D 33/037 (2006.01)**
[25] EN
[54] **ENDGATE RETAINER PIN ASSEMBLY**
[54] **ENSEMBLE GOUPILLE DE RETENUE DE HAYON**
[72] VOTRUBA, EDWARD J., US
[72] DOLAN, ROBERT A., US
[73] U-HAUL INTERNATIONAL, INC., US
[86] (2680809)
[87] (2680809)
[22] 2009-09-24
[30] US (12/491,127) 2009-06-24

---

[11] **2,682,879**
[13] C
[51] **Int.Cl. G06F 21/88 (2013.01) G06F 21/70 (2013.01)**
[25] EN
[54] **DISTRIBUTION CHANNEL LOSS PROTECTION FOR ELECTRONIC DEVICES**
[54] **PROTECTION CONTRE LA PERTE DE DISPOSITIF ELECTRONIQUES DANS LE CANAL DE DISTRIBUTION**
[72] STEVENS, JON, CA
[73] ABSOLUTE SOFTWARE CORPORATION, CA
[85] 2009-10-05
[86] 2008-04-07 (PCT/CA2008/000692)
[87] (WO2008/122130)
[30] US (60/922,081) 2007-04-05

---

[11] **2,683,721**
[13] C
[51] **Int.Cl. A61B 5/145 (2006.01) A61G 99/00 (2006.01) G01N 37/00 (2006.01) H03M 1/12 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PROVIDING DYNAMIC MULTI-STAGE SIGNAL AMPLIFICATION IN A MEDICAL DEVICE**
[54] **PROCEDE ET APPAREIL POUR ASSURER UNE AMPLIFICATION DE SIGNAL DYNAMIQUE A ETAPES MULTIPLES DANS UN DISPOSITIF MEDICAL**
[72] FENNELL, MARTIN J., US
[73] ABBOTT DIABETES CARE INC., US
[85] 2009-10-13
[86] 2008-04-14 (PCT/US2008/060273)
[87] (WO2008/130895)
[30] US (60/911,866) 2007-04-14

---

[11] **2,684,219**
[13] C
[51] **Int.Cl. A61K 9/08 (2006.01) A61K 9/14 (2006.01) A61K 31/55 (2006.01)**
[25] EN
[54] **ORAL CEPHALOTAXINE DOSAGE FORMS**
[54] **FORMES DOSIFIEES ORALES DE CEPHALOTAXINE**
[72] BROWN, DENNIS, US
[72] MICHAELS, SHAWNYA, US
[73] TEVA PHARMACEUTICALS INTERNATIONAL GMBH, CH
[85] 2009-10-09
[86] 2008-04-14 (PCT/US2008/060251)
[87] (WO2008/128191)
[30] US (60/923,446) 2007-04-13

---

[11] **2,684,811**
[13] C
[51] **Int.Cl. H01J 43/02 (2006.01) H01J 40/00 (2006.01) H01J 43/12 (2006.01)**
[25] EN
[54] **MICROSTRUCTURE PHOTOMULTIPLIER ASSEMBLY**
[54] **ENSEMBLE PHOTOMULTIPLICATEUR A MICROSTRUCTURES**
[72] ANDREWS, HUGH ROBERT, CA
[72] CLIFFORD, EDWARD T.H., CA
[72] FACINA, MARIUS EMANUEL, CA
[72] ING, HARRY, CA
[72] KOSLOWSKY, VERNON THEODORE, CA
[72] LOCKLIN, DARREN ADAM, CA
[72] SMITH, MARTIN BERNARD, CA
[72] STEFANESCU, IRINA STEFANIA, CA
[73] BUBBLE TECHNOLOGY INDUSTRIES INC., CA
[86] (2684811)
[87] (2684811)
[22] 2009-11-06

---

[11] **2,685,809**
[13] C
[51] **Int.Cl. A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **METHODS AND USES REALTING TO BEMISIA AND THRIPS RESISTANCE IN CAPSICUM ANNUUM**
[54] **PLANTE RESISTANTE AUX INSECTES**
[72] LINDERS, ENRICO GERARDUS ALBERTUS, NL
[72] NICOLET, JEAN LOUIS MARIE EDOUARD, FR
[72] VAN WIJK, HENRICUS JOHANNES, FR
[73] SYNGENTA PARTICIPATIONS AG, CH
[85] 2009-10-30
[86] 2008-04-30 (PCT/EP2008/055374)
[87] (WO2008/135510)
[30] EP (07290556.5) 2007-05-02
[30] EP (07119649.7) 2007-10-30

---

[11] **2,686,262**
[13] C
[51] **Int.Cl. E04B 1/38 (2006.01) E04B 7/00 (2006.01) E04C 5/16 (2006.01)**
[25] EN
[54] **ROOF TO POST ADJUSTABLE HOLD DOWN DEVICE**
[54] **SUPPORT REGLABLE DE TOITURE A UN POTEAU**
[72] WRIGHTMAN, ROBERT A., CA
[73] WRIGHTMAN, ROBERT A., CA
[86] (2686262)
[87] (2686262)
[22] 2009-11-23
[30] US (61/193,375) 2008-11-21

---

[11] **2,686,900**
[13] C
[51] **Int.Cl. G06F 17/27 (2006.01) G06F 3/048 (2013.01) G06F 3/14 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ANALYZING DOCUMENTS**
[54] **SYSTEMES ET PROCEDES POUR ANALYSER DES DOCUMENTS**
[72] ELIAS, BRIAN K., US
[72] MORRISE, MATTHEW C., US
[72] CHAUHAN, OM, US
[72] WANG, NINGJUN, US
[73] LEXISNEXIS GROUP, US
[85] 2009-11-09
[86] 2008-05-08 (PCT/US2008/005859)
[87] (WO2008/140721)
[30] US (60/924,310) 2007-05-09

---

[11] **2,689,171**
[13] C
[51] **Int.Cl. B01F 3/04 (2006.01)**
[25] EN
[54] **METHOD OF HIGH FLOW AERATION**
[54] **PROCEDE D'AERATION A DEBIT ELEVE**
[72] GREENE, KYLE, CA
[72] KINASEWICH, HAROLD, CA
[72] WEBB, TODD, CA
[73] SEAIR INC., CA
[86] (2689171)
[87] (2689171)
[22] 2009-12-21

---

[11] **2,690,913**
[13] C
[51] **Int.Cl. C07C 47/54 (2006.01) A61K 31/33 (2006.01) C07C 47/548 (2006.01) C07D 213/24 (2006.01) C07D 215/12 (2006.01) C07D 217/14 (2006.01) C07D 275/03 (2006.01) C07D 295/00 (2006.01) C07D 333/10 (2006.01)**
[25] EN
[54] **IRE-1.ALPHA. INHIBITORS**
[54] **INHIBITEURS D'IRE-1.ALPHA.**
[72] PATTERSON, JOHN BRUCE, US
[72] LONERGAN, DAVID GREGORY, US
[72] FLYNN, GARY A., US
[72] ZENG, QINGPING, US
[72] PALLAI, PETER V., US
[73] MANNKIND CORPORATION, US
[85] 2009-12-02
[86] 2008-06-09 (PCT/US2008/066310)
[87] (WO2008/154484)
[30] US (60/942,743) 2007-06-08

---

[11] **2,691,323**
[13] C
[51] **Int.Cl. H01B 17/66 (2006.01) H01B 13/06 (2006.01)**
[25] EN
[54] **METHOD FOR FUSING INSULATED WIRES, AND FUSED WIRES PRODUCED BY SUCH METHOD**
[54] **METHODE PERMETTANT DE FUSIONNER DES FILS ISOLES ET FILS FUSIONNES PRODUITS PAR CETTE METHODE**
[72] TELLEY, SEAN P., US
[72] STACEY, CHRISTIAN W., US
[73] FORT WAYNE METALS RESEARCH PRODUCTS CORPORATION, US
[86] (2691323)
[87] (2691323)
[22] 2010-01-28
[30] US (61/148,492) 2009-01-30

---

[11] **2,691,927**
[13] C
[51] **Int.Cl. B01D 63/10 (2006.01) B01D 63/12 (2006.01) B01D 65/08 (2006.01)**
[25] EN
[54] **SPIRAL WOUND FILTER ASSEMBLY**
[54] **ENSEMBLE FILTRE ENROULE EN SPIRALE**
[72] VAN DER PADT, ALBERT, NL
[72] JONGSMA, TJEERD, NL
[73] FRIESLAND BRANDS B.V., NL
[85] 2009-12-29
[86] 2008-06-30 (PCT/NL2008/050439)
[87] (WO2009/005350)
[30] EP (07111450.8) 2007-06-29

---

[11] **2,692,122**
[13] C
[51] **Int.Cl. H02H 1/06 (2006.01) H02H 5/04 (2006.01) H02J 15/00 (2006.01) H02M 7/02 (2006.01)**
[25] EN
[54] **MICROCONTROLLER OPERATED CURRENT LIMITED SWITCHING POWER SUPPLY FOR CIRCUIT PROTECTIVE DEVICES**
[54] **ALIMENTATION A DECOUPAGE DE COURANTS DE FAIBLE INTENSITE COMMANDEE PAR MICROPROCESSEUR POUR DISPOSITIFS DE PROTECTION DE CIRCUITS**
[72] SCHROEDER, JEREMY D., US
[72] MACKENZIE, JOHN K., US
[72] LARSON, BRETT, US
[73] SQUARE D COMPANY, US
[86] (2692122)
[87] (2692122)
[22] 2010-02-08
[30] US (12/380,484) 2009-02-27

[11] **2,692,390**
[13] C
[51] **Int.Cl. H04H 60/29 (2009.01) H04H 60/42 (2009.01) H04L 1/24 (2006.01)**
[25] EN
[54] **BROADCAST RECEIVING SYSTEM AND METHOD FOR PROCESSING BROADCAST SIGNALS**
[54] **SYSTEME DE RECEPTION DE RADIODIFFUSION ET PROCEDE DE TRAITEMENT DE SIGNAUX DE RADIODIFFUSION**
[72] CHO, IL SOO, KR
[72] CHO, HYEON CHEOL, KR
[72] PARK, JONG SUN, KR
[72] CHOI, IN HWAN, KR
[72] LEE, HYOUNG GON, KR
[72] SONG, WON GYU, KR
[72] KIM, SEUNG MAN, KR
[72] KIM, JONG MOON, KR
[72] KIM, JIN WOO, KR
[72] KWAK, KOOK YEON, KR
[72] KIM, BYOUNG GILL, KR
[73] LG ELECTRONICS INC., KR
[85] 2009-12-24
[86] 2008-06-30 (PCT/KR2008/003859)
[87] (WO2009/005277)
[30] KR (10-2007-0065662) 2007-06-29
[30] US (60/957,714) 2007-08-24
[30] US (60/974,084) 2007-09-21

---

[11] **2,695,645**
[13] C
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **SEGMENTED METADATA AND INDEXES FOR STREAMED MULTIMEDIA DATA**
[54] **METADONNEES SEGMENTEES ET INDICES POUR DES DONNEES MULTIMEDIAS EN FLUX**
[72] HANNUKSELA, MISKA, FI
[73] NOKIA TECHNOLOGIES OY, FI
[85] 2010-02-04
[86] 2008-08-19 (PCT/IB2008/053321)
[87] (WO2009/024926)
[30] US (60/956,912) 2007-08-20
[30] US (60/971,193) 2007-09-10
[30] US (60/992,057) 2007-12-03

---

[11] **2,697,662**
[13] C
[51] **Int.Cl. D03D 15/04 (2006.01) D03D 11/00 (2006.01) D03D 13/00 (2006.01) D03D 25/00 (2006.01) D06M 17/00 (2006.01) E02B 3/12 (2006.01) E02D 17/20 (2006.01)**
[25] EN
[54] **TURF REINFORCEMENT EROSION CONTROL MAT**
[54] **NATTE DE CONTROLE DE L'EROSION POUR RENFORCEMENT DE GAZON DE PLACAGE**
[72] KING, KEVIN NELSON, US
[72] JONES, DAVID MICHAEL, US
[72] MAXWELL, GREG L., US
[73] TENCATE GEOSYNTHETICS NORTH AMERICA, US
[86] (2697662)
[87] (2697662)
[22] 2010-03-24
[30] US (61/162,917) 2009-03-24
[30] US (12/729,915) 2010-03-23

---

[11] **2,698,086**
[13] C
[51] **Int.Cl. G06Q 20/40 (2012.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR CONDUCTING SECURE FINANCIAL TRANSACTIONS**
[54] **APPAREIL ET PROCEDE PERMETTANT D'EFFECTUER DES TRANSACTIONS FINANCIERES SECURISEES**
[72] MAGES, KENNETH G., US
[72] LO, CHI WAH, HK
[72] MAGES, KENT H., US
[72] TANG, TAI KWAN, HK
[73] 4361423 CANADA INC., CA
[85] 2010-02-26
[86] 2008-08-29 (PCT/US2008/010235)
[87] (WO2009/032187)
[30] US (60/969,261) 2007-08-31

---

[11] **2,698,749**
[13] C
[51] **Int.Cl. A61K 31/4468 (2006.01) A61K 9/12 (2006.01) A61M 11/06 (2006.01) A61P 25/04 (2006.01)**
[25] EN
[54] **SUBLINGUAL FENTANYL SPRAY**
[54] **AEROSOL SUBLINGUAL DE FENTANYL**
[72] KOTTAYIL, S. GEORGE, US
[72] ZHU, ZHONGYUAN, US
[72] GOSKONDA, VENKAT R., US
[72] KATTOOKARAN, LINET, US
[72] PARIKH, NEHA, US
[73] INSYS DEVELOPMENT COMPANY, INC., US
[85] 2010-03-08
[86] 2008-08-01 (PCT/US2008/009359)
[87] (WO2009/017837)
[30] US (60/963,076) 2007-08-02
[30] US (60/963,253) 2007-08-03

---

[11] **2,698,979**
[13] C
[51] **Int.Cl. B41F 3/58 (2006.01)**
[25] EN
[54] **ROTARY PRINTING PRESS WITH SYNCHRONIZATION OF THE FOLDING DRIVE ASSEMBLY**
[54] **ROTATIVE A ENTRAINEMENT DE PLIAGE SYNCHRONISE**
[72] MEIS, HAROLD, DE
[73] BAUMUELLER ANLAGEN-SYSTEMTECHNIK GMBH & CO. KG, DE
[86] (2698979)
[87] (2698979)
[22] 2010-04-06
[30] EP (09 158 747.7) 2009-04-24

[11] **2,699,197**
[13] C
[51] **Int.Cl. B05B 7/18 (2006.01)**
[25] EN
[54] **AN IMPROVED INTRINSICALLY SAFE VALVE FOR A COMBUSTION SPRAY GUN AND A METHOD OF OPERATION**
[54] **SOUPAPE DE SURETE INTRISEQUE AMELIOREE POUR BUSE DE COMBUSTION ET PROCEDE D'EXPLOITATION CONNEXE**
[72] SAVILL, ROBERT F., US
[72] SPAULDING, MARK F., US
[72] WEBER, JAMES K., US
[72] ZAPKE, RICHARD A., US
[73] SULZER METCO (US) INC., US
[86] (2699197)
[87] (2699197)
[22] 2010-04-08
[30] US (12/428,107) 2009-04-22

---

[11] **2,699,749**
[13] C
[51] **Int.Cl. G01R 33/54 (2006.01) G01R 33/561 (2006.01)**
[25] FR
[54] **MRI SPATIAL ENCODING USING HYPERCOMPLEX NUMBERS**
[54] **ENCODAGE SPATIAL EN IRM AU MOYEN DE NOMBRES HYPERCOMPLEXES**
[72] GRENIER, DENIS, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[85] 2010-03-15
[86] 2008-09-18 (PCT/EP2008/062480)
[87] (WO2009/037326)
[30] FR (0757654) 2007-09-18

---

[11] **2,701,187**
[13] C
[51] **Int.Cl. A61L 24/00 (2006.01) A61L 24/10 (2006.01) A61L 27/36 (2006.01) A61L 31/00 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR MANUFACTURING PLASMA BASED PLASTICS AND BIOPLASTICS PRODUCED THEREFROM**
[54] **PROCEDES ET APPAREIL POUR FABRIQUER DES MATIERES PLASTIQUES A BASE DE PLASMA ET MATIERES BIOPLASTIQUES PRODUITES A PARTIR DE CELLES-CI**
[72] CAMPBELL, PHIL G., US
[72] BURGESS, JAMES E., US
[72] WEISS, LEE E., US
[72] SMITH, JASON, US
[73] CARNEGIE MELLON UNIVERSITY, US
[73] CARMELL THERAPEUTICS CORPORATION, US
[73] ALLEGHENY-SINGER RESEARCH INSTITUTE, US
[85] 2010-03-30
[86] 2008-04-17 (PCT/US2008/060604)
[87] (WO2009/014776)
[30] US (60/961,580) 2007-07-23
[30] US (11/873,751) 2007-10-17

---

[11] **2,701,446**
[13] C
[51] **Int.Cl. F41A 19/64 (2006.01) F41A 17/06 (2006.01) F41A 19/59 (2006.01) F41A 19/67 (2006.01)**
[25] EN
[54] **ELECTRO-MECHANICAL FIREARM TRIGGER MECHANISM**
[54] **MECANISME DE DECLENCHEMENT ELECTROMECANIQUE D'ARME A FEU**
[72] COMPTON, DAVID WALTER, CA
[72] TEED, BRENTON STEWART, CA
[73] COLT CANADA IP HOLDING PARTNERSHIP, CA
[86] (2701446)
[87] (2701446)
[22] 2010-04-26

---

[11] **2,702,011**
[13] C
[51] **Int.Cl. A61K 36/8962 (2006.01) A61K 31/07 (2006.01) A61K 31/202 (2006.01) A61K 31/355 (2006.01) A61K 31/375 (2006.01) A61K 31/51 (2006.01) A61K 31/519 (2006.01) A61K 31/706 (2006.01) A61K 33/06 (2006.01) A61K 33/26 (2006.01) A61K 33/30 (2006.01) A61K 35/60 (2006.01) A61K 36/03 (2006.01) A61K 36/06 (2006.01) A61K 36/064 (2006.01) A61K 36/23 (2006.01) A61K 36/87 (2006.01) A61P 3/04 (2006.01) A61P 9/00 (2006.01)**
[25] FR
[54] **COMPOSITION FOR REGULATING LIPID METABOLISM**
[54] **COMPOSITION DESTINEE A LA REGULATION DU METABOLISME DES LIPIDES**
[72] BOURGEOIS-LUGAND, MARIE FRANCOISE YVONNE, FR
[72] WAHLI, WALTER, CH
[72] EL KOCHAIRI, ILHEM, CH
[72] PRADERVAND, SYLVAIN, CH
[72] PARISOT, GILLES DIDIER, CH
[73] EXICHOL SA, CH
[85] 2010-04-07
[86] 2008-10-16 (PCT/IB2008/002815)
[87] (WO2009/050580)
[30] EP (07118598.7) 2007-10-16

---

[11] **2,702,373**
[13] C
[51] **Int.Cl. G06F 13/42 (2006.01)**
[25] EN
[54] **METHOD OF PASSING INSTRUCTIONS BETWEEN A HOST STATION AND A PORTABLE ELECTRONIC DEVICE, AND DEVICE FOR IMPLEMENTATION**
[54] **PROCEDE DE PASSATION D'INSTRUCTIONS ENTRE UNE STATION HOTE ET UN DISPOSITIF ELECTRONIQUE PORTABLE, ET DISPOSITIF DE MISE EN OEUVRE**
[72] CHAMLEY, OLIVIER, FR
[72] ANDREAU, STEPHANE, FR
[73] OBERTHUR TECHNOLOGIES, FR
[85] 2010-04-12
[86] 2007-11-06 (PCT/EP2007/061938)
[87] (WO2008/055902)
[30] FR (0609673) 2006-11-06

[11] **2,703,994**
[13] C
[51] **Int.Cl. C12Q 1/02 (2006.01) A61K 31/59 (2006.01) A61P 19/04 (2006.01) C12Q 1/26 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **USE OF VITAMIN D RECEPTOR AGONISTS AND PRECURSORS TO TREAT FIBROSIS**
[54] **UTILISATION D'AGONISTES ET DE PRECURSEURS DE RECEPTEURS DE LA VITAMINE D POUR TRAITER LA FIBROSE**
[72] DOWNES, MICHAEL, US
[72] EVANS, RONALD M., US
[72] LIDDLE, CHRISTOPHER, AU
[73] THE SALK INSTITUTE FOR BIOLOGICAL STUDIES, US
[73] UNIVERSITY OF SYDNEY, AU
[85] 2010-04-28
[86] 2008-11-06 (PCT/US2008/082691)
[87] (WO2009/061961)
[30] US (60/985,972) 2007-11-06

[11] **2,704,511**
[13] C
[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 40/00 (2012.01)**
[25] EN
[54] **IMPROVEMENTS IN AND RELATING TO FINANCIAL SYSTEMS**
[54] **PERFECTIONNEMENTS A SYSTEMES FINANCIERS ET PERFECTIONNEMENTS CONCERNANT CEUX-CI**
[72] WATSON, KEITH, GB
[72] PRATT, ANDY, GB
[73] STANDARD LIFE EMPLOYEE SERVICES LIMITED, GB
[85] 2010-05-03
[86] 2007-11-06 (PCT/GB2007/004236)
[87] (WO2008/056133)
[30] GB (0622063.6) 2006-11-06

[11] **2,705,967**
[13] C
[51] **Int.Cl. A01B 69/06 (2006.01)**
[25] EN
[54] **TOWABLE AGRICULTURAL IMPLEMENT HAVING AUTOMATIC STEERING SYSTEM**
[54] **APPAREIL AGRICOLE POUVANT ETRE REMORQUE MUNI D'UN DISPOSITIF DE DIRECTION AUTOMATIQUE**
[72] WANG, GUOPING, US
[72] WENDTE, KEITH, US
[72] JOHNSON, CHARLES, US
[72] POSSELIUS, JOHN, US
[72] PRICKEL, MARVIN, US
[73] CNH INDUSTRIAL AMERICA LLC, US
[86] (2705967)
[87] (2705967)
[22] 2010-06-04
[30] US (12/615,830) 2009-11-10

[11] **2,706,896**
[13] C
[51] **Int.Cl. E04G 21/32 (2006.01)**
[25] EN
[54] **A POST HOLDER**
[54] **SUPPORT DE POTEAU**
[72] SVEDBERG, JOAKIM, SE
[73] COMBISAFE INTERNATIONAL AB, SE
[85] 2010-05-27
[86] 2008-11-28 (PCT/EP2008/066397)
[87] (WO2009/068637)
[30] EP (07023238.4) 2007-11-30

[11] **2,707,328**
[13] C
[51] **Int.Cl. A47C 1/027 (2006.01) A47C 1/023 (2006.01) A47C 7/02 (2006.01) A47C 31/00 (2006.01)**
[25] EN
[54] **SPIRAL JAW LOCKING MECHANISM FOR ADJUSTMENT SYSTEM IN CHAIRS**
[54] **MECANISME DE VERROUILLAGE DE MACHOIRES EN FORME DE SPIRALE POUR SYSTEME DE REGLAGE DE CHAISE**
[72] FONTAINE, ERIC, CA
[73] DUTAILIER INC., CA
[86] (2707328)
[87] (2707328)
[22] 2010-06-11

[11] **2,710,114**
[13] C
[51] **Int.Cl. H04L 12/16 (2006.01) H04N 21/23 (2011.01) G06F 17/30 (2006.01)**
[25] EN
[54] **DIGITAL CONTENT SUPPLY SYSTEM**
[54] **SYSTEME D'ALIMENTATION EN CONTENU NUMERIQUE**
[72] CUZACQ, OLIVIER, FR
[72] MUNIER, PIERRE, GB
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[86] (2710114)
[87] (2710114)
[22] 2010-07-20
[30] EP (10305362.5) 2010-04-08

[11] **2,710,836**
[13] C
[51] **Int.Cl. H04R 29/00 (2006.01) H04W 84/10 (2009.01) H04B 7/26 (2006.01) H04R 3/00 (2006.01)**
[25] EN
[54] **DATA CAPTURE BRIDGE**
[54] **PONT DE CAPTURE DE DONNEES**
[72] KRUG, WILLIAM K., US
[72] ZHANG, JAMES, US
[73] ARBITRON, INC., US
[85] 2010-06-25
[86] 2008-12-31 (PCT/US2008/014142)
[87] (WO2009/088485)
[30] US (12/006,452) 2007-12-31

[11] **2,711,122**
[13] C
[51] **Int.Cl. A62B 35/04 (2006.01)**
[25] EN
[54] **SELF-RETRACTING LIFELINE SYSTEMS AND BRAKING SYSTEMS THEREFOR**
[54] **SYSTEMES DE CORDE DE SECURITE A RETRACTATION AUTOMATIQUE ET SYSTEMES DE FREINAGE ASSOCIES**
[72] PARKER, THOMAS W., US
[72] BALQUIST, ROSS, US
[73] HONEYWELL SAFETY PRODUCTS USA, INC., US
[85] 2010-06-29
[86] 2009-02-24 (PCT/US2009/035034)
[87] (WO2009/108646)
[30] US (61/031,336) 2008-02-25
[30] US (61/045,808) 2008-04-17

[11] **2,711,280**
[13] C
[51] **Int.Cl. F16L 3/26 (2006.01) A47B 21/06 (2006.01) F16L 3/10 (2006.01) H02G 3/04 (2006.01)**
[25] EN
[54] **DEVICE FOR CABLE MANAGEMENT**
[54] **DISPOSITIF DE GESTION DE CABLES**
[72] SHORT, MARK, GB
[73] AVF GROUP LTD., GB
[86] (2711280)
[87] (2711280)
[22] 2010-07-29
[30] GB (0919195.8) 2009-11-02

---

[11] **2,712,348**
[13] C
[51] **Int.Cl. C03C 8/04 (2006.01)**
[25] EN
[54] **GLASS FRITS**
[54] **FRITTES DE VERRE**
[72] PRUNCHAK, ROBERT, US
[73] BASF SE, DE
[85] 2010-07-15
[86] 2009-01-27 (PCT/US2009/032107)
[87] (WO2009/097264)
[30] US (12/022,294) 2008-01-30

---

[11] **2,713,416**
[13] C
[51] **Int.Cl. A61K 38/13 (2006.01) A61P 21/00 (2006.01)**
[25] EN
[54] **NON-IMMUNOSUPPRESSIVE CYCLOSPORIN FOR THE TREATMENT OF A MUSCULAR DYSTROPHY**
[54] **CYCLOSPORINE NON IMMUNOSUPPRESSIVE POUR LE TRAITEMENT DE LA DYSTROPHIE MUSCULAIRE**
[72] MOLKENTIN, JEFFERY D., US
[73] DEBIOPHARM INTERNATIONAL SA, CH
[85] 2010-07-27
[86] 2009-02-05 (PCT/IB2009/000204)
[87] (WO2009/098577)
[30] IB (PCT/IB2008/000292) 2008-02-08

---

[11] **2,714,649**
[13] C
[51] **Int.Cl. H01H 85/20 (2006.01)**
[25] EN
[54] **UNIVERSAL DUAL STUD MODULAR FUSE HOLDER ASSEMBLY FOR BUSSED AND NON-BUSSED POWER CONNECTIONS**
[54] **PORTE-FUSIBLE MODULAIRE UNIVERSEL A DEUX TIGES POUR CONNECTEURS D'ALIMENTATION AVEC OU SANS BARRE OMNIBUS**
[72] STAYLOR, JOHN LAWRENCE, US
[73] COOPER TECHNOLOGIES COMPANY, US
[86] (2714649)
[87] (2714649)
[22] 2010-09-10
[30] US (12/646,253) 2009-12-23

---

[11] **2,715,829**
[13] C
[51] **Int.Cl. C12N 9/20 (2006.01) C12N 9/16 (2006.01) C12N 15/55 (2006.01) C11D 3/386 (2006.01) C11D 7/42 (2006.01) C12P 7/64 (2006.01) C12Q 1/44 (2006.01)**
[25] EN
[54] **POLYPEPTIDES HAVING LIPASE ACTIVITY AND POLYNUCLEOTIDES ENCODING SAME**
[54] **POLYPEPTIDES A ACTIVITE LIPASE ET POLYNUCLEOTIDES CODANT CES POLYPEPTIDES**
[72] VIND, JESPER, DK
[72] KNOETZEL, JUERGEN CARSTEN FRANZ, DK
[72] BORCH, KIM, DK
[72] SVENDSEN, ALLAN, DK
[72] CALLISEN, THOMAS HOENGER, DK
[72] YAVER, DEBBIE, US
[72] BJOERNVAD, MADS ESKELUND, DK
[72] HANSEN, PETER KAMP, DK
[73] NOVOZYMES A/S, DK
[85] 2010-08-12
[86] 2009-02-26 (PCT/EP2009/052246)
[87] (WO2009/109500)
[30] EP (08152163.5) 2008-02-29
[30] US (61/032, 443) 2008-02-29

---

[11] **2,717,375**
[13] C
[51] **Int.Cl. C08G 73/00 (2006.01) C08G 73/02 (2006.01) C08J 5/18 (2006.01) H01B 1/12 (2006.01) H01L 51/00 (2006.01)**
[25] FR
[54] **METHOD OF PREPARING POLYANILINE FILMS AND HIGHLY SELF-ORIENTED FILMS OBTAINED**
[54] **PROCEDE DE PREPARATION DE FILMS DE POLYANILINE ET FILMS HAUTEMENT AUTO-ORIENTES OBTENUS**
[72] GOSPODINOVA, NATALIA, FR
[72] DOREY, SAMUEL, FR
[72] ANOKHIN, DENIS, FR
[72] IVANOV, DIMITRI, FR
[72] ROMANOVA, YULIYA, BG
[72] KOLEV, HRISTO, BG
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[73] UNIVERSITE DE HAUTE ALSACE, FR
[85] 2010-09-01
[86] 2009-03-13 (PCT/FR2009/000269)
[87] (WO2009/115714)
[30] FR (08/01390) 2008-03-13

---

[11] **2,717,495**
[13] C
[51] **Int.Cl. C07D 249/04 (2006.01) A61K 31/215 (2006.01) A61K 31/4192 (2006.01) A61P 19/02 (2006.01) A61P 29/00 (2006.01) C07C 69/608 (2006.01) C07C 69/67 (2006.01) C07C 69/708 (2006.01)**
[25] EN
[54] **FULLERENE THERAPIES FOR INFLAMMATION**
[54] **THERAPIES PAR FULLERENES POUR TRAITER L'INFLAMMATION**
[72] KEPLEY, CHRISTOPHER, US
[72] LENK, ROBERT P., US
[72] WILSON, STEPHEN R., US
[72] ZHOU, ZHIGUO, US
[72] MACFARLAND, DARREN K., US
[73] LUNA INNOVATIONS INCORPORATED, US
[85] 2010-09-03
[86] 2009-03-03 (PCT/US2009/001333)
[87] (WO2009/114088)
[30] US (61/033,309) 2008-03-03

[11] **2,719,039**
[13] C
[51] **Int.Cl. A61N 1/32 (2006.01) A61N 1/04 (2006.01) A61N 1/18 (2006.01)**
[25] EN
[54] **ELECTROCHEMICAL PROBE AND METHOD FOR IN SITU TREATMENT OF A TISSUE**
[54] **SONDE ELECTROCHIMIQUE ET PROCEDE POUR LE TRAITEMENT IN SITU D'UN TISSU**
[72] JOSHI, ASHOK, US
[72] STEPPAN, JAMES, US
[73] CERAMATEC, INC., US
[85] 2010-09-17
[86] 2009-03-17 (PCT/US2009/037413)
[87] (WO2009/117425)
[30] US (12/052,617) 2008-03-20

---

[11] **2,720,290**
[13] C
[51] **Int.Cl. A61K 47/10 (2017.01) A61K 47/20 (2006.01) A61K 47/24 (2006.01) B01D 17/05 (2006.01) C07C 309/17 (2006.01) C07F 9/38 (2006.01) C08G 65/329 (2006.01)**
[25] EN
[54] **DEMULSIFIERS AND METHODS FOR USE IN PHARMACEUTICAL APPLICATIONS**
[54] **DEMULSIFIANTS ET PROCEDES D'UTILISATION DANS DES APPLICATIONS PHARMACEUTIQUES**
[72] TALINGTING-PABALAN, RUELA, US
[72] DAHANAYAKE, MANILAL S., US
[72] WOODWARD, GARY, GB
[72] ADAM, HERVE, US
[73] RHODIA OPERATIONS, FR
[85] 2010-10-01
[86] 2009-04-02 (PCT/US2009/002056)
[87] (WO2009/123732)
[30] US (61/072,768) 2008-04-02
[30] US (12/191,130) 2008-08-13

---

[11] **2,720,694**
[13] C
[51] **Int.Cl. C08G 61/12 (2006.01) H01B 1/12 (2006.01)**
[25] EN
[54] **DOPED CONJUGATED POLYMERS, DEVICES, AND METHODS OF MAKING DEVICES**
[54] **POLYMERES CONJUGUES DOPES, DISPOSITIFS, ET PROCEDES DE FABRICATION DESDITS DISPOSITIFS**
[72] SESHADRI, VENKATARAMANAN, US
[72] BROWN, CHRISTOPHER T., US
[72] BENSON-SMITH, JESSICA, US
[72] YANG, EDWARD S., US
[73] NISSAN CHEMICAL INDUSTRIES, LTD., JP
[85] 2010-10-05
[86] 2009-04-10 (PCT/US2009/040257)
[87] (WO2009/126918)
[30] US (61/044,380) 2008-04-11
[30] US (61/119,239) 2008-12-02

---

[11] **2,721,666**
[13] C
[51] **Int.Cl. C07J 63/00 (2006.01) A61K 31/56 (2006.01) A61P 25/28 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **ANTIOXIDANT INFLAMMATION MODULATORS: C-17 HOMOLOGATED OLEANOLIC ACID DERIVATIVES**
[54] **MODULATEURS D'INFLAMMATION ANTIOXYDANTS : DERIVES D'ACIDE OLEANOLIQUE HOMOLOGUES C-17**
[72] JIANG, XIN, US
[72] VISNICK, MELEAN, US
[72] GREINER, JACK, US
[72] LIU, XIAOFENG, US
[72] SZUCS, STEPHEN S., US
[73] REATA PHARMACEUTICALS, INC., US
[85] 2010-10-15
[86] 2009-04-20 (PCT/US2009/041176)
[87] (WO2009/129548)
[30] US (61/111,294) 2008-11-04
[30] US (61/046,366) 2008-04-18

---

[11] **2,721,838**
[13] C
[51] **Int.Cl. A61K 31/56 (2006.01) A61P 25/28 (2006.01) A61P 35/00 (2006.01) C07J 63/00 (2006.01)**
[25] EN
[54] **ANTIOXIDANT INFLAMMATION MODULATORS: OLEANOLIC ACID DERIVATIVES WITH AMINO AND OTHER MODIFICATIONS AT C-17**
[54] **MODULATEURS D'INFLAMMATION ANTIOXYDANTS: DERIVES D'ACIDE OLEANOLIQUE PRESENTANT UNE MODIFICATION DU GROUPE AMINO ET D'AUTRES MODIFICATIONS EN C-17**
[72] ANDERSON, ERIC, US
[72] JIANG, XIN, US
[72] VISNICK, MELEAN, US
[73] REATA PHARMACEUTICALS, INC., US
[85] 2010-10-15
[86] 2009-04-20 (PCT/US2009/041172)
[87] (WO2009/129546)
[30] US (61/111,269) 2008-11-04
[30] US (61/046,342) 2008-04-18

---

[11] **2,721,962**
[13] C
[51] **Int.Cl. A61B 17/86 (2006.01) A61B 17/70 (2006.01)**
[25] EN
[54] **POSTERIOR SPINAL FASTENER**
[54] **ELEMENT DE FIXATION SPINAL POSTERIEUR**
[72] MATITYAHU, AMIR M., US
[72] MCCLELLAN, ROBERT TRIGG, US
[72] DILLIN, WILLIAM H., US
[73] TOTAL CONNECT SPINE, LLC, US
[85] 2010-10-20
[86] 2009-04-20 (PCT/US2009/041160)
[87] (WO2009/131955)
[30] US (61/046,762) 2008-04-21

[11] **2,722,964**
[13] C
[51] **Int.Cl. A01N 25/04 (2006.01) A01N 25/30 (2006.01) A01N 43/56 (2006.01) A01N 43/90 (2006.01) A01N 47/30 (2006.01) A01N 51/00 (2006.01) A01P 7/02 (2006.01) A01P 7/04 (2006.01)**
[25] EN
[54] **PESTICIDAL COMPOSITIONS**
[54] **COMPOSITIONS PESTICIDES**
[72] KEIPER, JASON, US
[72] KOON, JOSHUA, US
[72] CUSH, SARAH, US
[72] HOPKINSON, MICHAEL JAMES, US
[72] REYNOLDS, JOHNNY D., US
[72] PETERSON, JENNIFER, US
[72] BOYKIN, ROY, US
[72] CISNEROS, JORGE, CH
[73] SYNGENTA PARTICIPATIONS AG, CH
[85] 2010-10-28
[86] 2009-05-25 (PCT/EP2009/056294)
[87] (WO2009/138523)
[30] US (61/052,328) 2008-05-12

---

[11] **2,724,388**
[13] C
[51] **Int.Cl. F16D 11/00 (2006.01) B60K 17/02 (2006.01)**
[25] EN
[54] **CONCENTRIC V-GROOVE COUPLING**
[54] **ACCOUPLEMENT A RAINURES EN V CONCENTRIQUES**
[72] KERR, JOHN HUGH, CA
[73] KER-TRAIN HOLDINGS LTD., CA
[85] 2010-11-15
[86] 2009-05-15 (PCT/CA2009/000667)
[87] (WO2009/137933)
[30] US (61/053,275) 2008-05-15

---

[11] **2,725,423**
[13] C
[51] **Int.Cl. G01N 15/10 (2006.01) H04L 12/28 (2006.01)**
[25] EN
[54] **FLOW CYTOMETER REMOTE MONITORING SYSTEM**
[54] **SYSTEME DE SURVEILLANCE A DISTANCE DE CYTOMETRE DE FLUX**
[72] SALINAS, JAMES J., US
[72] EVANS, KENNETH M., US
[73] INGURAN, LLC, US
[85] 2010-10-27
[86] 2009-05-01 (PCT/US2009/002715)
[87] (WO2009/134442)
[30] US (12/151,156) 2008-05-02

---

[11] **2,725,754**
[13] C
[51] **Int.Cl. C07D 471/14 (2006.01) A61K 31/437 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **DIAZACARBAZOLES AND METHODS OF USE**
[54] **DIAZACARBAZOLES ET PROCEDES D'UTILISATION**
[72] DYKE, HAZEL JOAN, GB
[72] ELLWOOD, CHARLES, GB
[72] GANCIA, EMANUELA, GB
[72] GAZZARD, LEWIS J., US
[72] GOODACRE, SIMON CHARLES, GB
[72] KINTZ, SAMUEL S., US
[72] LYSSIKATOS, JOSEPH P., US
[72] MACLEOD, CALUM, GB
[72] WILLIAMS, KAREN, GB
[72] CHEN, HUIFEN, US
[73] GENENTECH, INC., US
[85] 2010-11-24
[86] 2009-06-10 (PCT/US2009/003492)
[87] (WO2009/151598)
[30] US (61/060,746) 2008-06-11
[30] US (61/148,001) 2009-01-28

---

[11] **2,725,770**
[13] C
[51] **Int.Cl. A61K 36/54 (2006.01) A61K 31/11 (2006.01) A61K 36/45 (2006.01) A61K 36/53 (2006.01) A61P 13/00 (2006.01)**
[25] FR
[54] **PLANT-BASED COMPOSITIONS AND USES**
[54] **COMPOSITIONS A BASE DE PLANTES ET UTILISATIONS**
[72] PIERRON, FREDERIC, FR
[72] CORNU, PHILIPPE, FR
[73] ADDEVISTA, FR
[85] 2010-11-24
[86] 2009-05-27 (PCT/FR2009/050991)
[87] (WO2009/153500)
[30] FR (0853458) 2008-05-28

---

[11] **2,726,434**
[13] C
[51] **Int.Cl. C23C 4/11 (2016.01) C23C 4/129 (2016.01) C23C 4/134 (2016.01)**
[25] EN
[54] **THERMALLY SPRAYED AI2O3 COATINGS HAVING A HIGH CORUNDUM CONTENT WITHOUT ANY PROPERTY-REDUCING ADDITIVES AND METHOD FOR THE PRODUCTION THEREOF**
[54] **REVETEMENT DE AI2O3 PULVERISE A CHAUD AYANT UNE TENEUR EN CORUNDUM ELEVEE SANS ADDITIFS REDUISANT LES PROPRIETES ET METHODE DE PRODUCTION ASSOCIEE**
[72] TOMA, FILOTHEIA-LAURA, DE
[72] BERGER, LUTZ-MICHAEL, DE
[72] STAHR, CARL CHRISTOPH, DE
[72] NAUMANN, TOBIAS, DE
[72] LANGNER, STEFAN, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2010-11-30
[86] 2009-05-28 (PCT/EP2009/003797)
[87] (WO2009/146832)
[30] DE (10 2008 026 101.7) 2008-05-30

---

[11] **2,726,456**
[13] C
[51] **Int.Cl. B29C 45/56 (2006.01) A44B 18/00 (2006.01)**
[25] FR
[54] **INJECTION-MOULDED ARTICLE HAVING A FIELD OF HOOKS OBTAINED BY MOULDING**
[54] **OBJET MOULE PAR INJECTION COMPORTANT UN CHAMP DE CROCHETS ISSUS DE MOULAGE**
[72] MAHE, ANTHONY, FR
[73] APLIX, FR
[85] 2010-11-30
[86] 2009-06-24 (PCT/FR2009/000769)
[87] (WO2010/004117)
[30] FR (0803707) 2008-07-01

[11] **2,726,615**
[13] C
[51] **Int.Cl. A47C 7/22 (2006.01)**
[25] EN
[54] **SUSPENSION SEATING**
[54] **SIEGE SUSPENDU**
[72] GROELSMA, JOHN C., US
[72] ALDRICH, JOHN F., US
[72] LAMORE, EILEEN M., US
[72] COFFIELD, TIMOTHY P., US
[73] HERMAN MILLER, INC., US
[85] 2010-12-01
[86] 2009-06-01 (PCT/US2009/045822)
[87] (WO2009/149004)
[30] US (61/101,423) 2008-09-30
[30] US (61/058,783) 2008-06-04

---

[11] **2,726,744**
[13] C
[51] **Int.Cl. C08G 77/46 (2006.01) A61L 27/14 (2006.01) C08J 9/00 (2006.01) C08L 83/12 (2006.01)**
[25] EN
[54] **TRIBLOCK POLYURETHANE CO-POLYMERS COMPRISING SILOXANE BLOCKS**
[54] **COPOLYMERES DE POLYURETHANE TRIBLOCS RENFERMANT DES BLOCS DE SILOXANE**
[72] BEHAN, NIALL, IE
[72] KUMAR, ASHUTOSH, IE
[73] COLOPLAST A/S, DK
[85] 2010-11-23
[86] 2009-06-19 (PCT/IE2009/000038)
[87] (WO2009/153769)
[30] US (61/074,400) 2008-06-20
[30] US (61/181,043) 2009-05-26

---

[11] **2,728,060**
[13] C
[51] **Int.Cl. A61K 39/35 (2006.01) A61P 37/08 (2006.01) C07K 14/47 (2006.01) C12N 15/01 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING HYPOALLERGEN CANDIDATE POLYPEPTIDES**
[54] **METHODE DE PREPARATION DE POLYPEPTIDES CANDIDATS HYPOALLERGENES**
[72] ROUVINEN, JUHA, FI
[72] TAKKINEN, KRISTIINA, FI
[72] NIEMI, MERJA, FI
[72] JYLHAE, SIRPA, FI
[72] SOEDERLUND, HANS, FI
[72] LAUKKANEN, MARJA-LEENA, FI
[73] DESENTUM OY, FI
[85] 2010-12-14
[86] 2009-06-18 (PCT/FI2009/050549)
[87] (WO2009/153414)
[30] FI (20085601) 2008-06-18

---

[11] **2,728,414**
[13] C
[51] **Int.Cl. G01V 11/00 (2006.01)**
[25] EN
[54] **FLOW LINE ELECTRIC IMPEDANCE GENERATION**
[54] **GENERATION D'IMPEDANCE ELECTRIQUE DANS UNE LIGNE DE LIAISON**
[72] HUDSON, STEVEN MARTIN, GB
[72] BROMWICH, ROBERT CHARLES, GB
[73] EXPRO NORTH SEA LIMITED, GB
[85] 2010-12-17
[86] 2009-06-16 (PCT/GB2009/001501)
[87] (WO2009/153552)
[30] GB (0811223.7) 2008-06-18
[30] GB (0811224.5) 2008-06-18

---

[11] **2,729,066**
[13] C
[51] **Int.Cl. H04R 9/04 (2006.01)**
[25] EN
[54] **VOICE COIL SUPPORT FOR A COIL TRANSDUCER MOTOR STRUCTURE**
[54] **SUPPORT DE BOBINE ACOUSTIQUE DESTINE A UNE STRUCTURE DE MOTEUR D'UN TRANSDUCTEUR DE BOBINE**
[72] LEMARQUAND, GUY, FR
[72] REMY, MATHIAS, FR
[72] GUYADER, GAEL, FR
[73] RENAULT S.A.S., FR
[73] UNIVERSITE DU MAINE, FR
[85] 2010-12-22
[86] 2009-07-02 (PCT/EP2009/004804)
[87] (WO2010/000481)
[30] EP (08290652.0) 2008-07-02

---

[11] **2,729,392**
[13] C
[51] **Int.Cl. G06F 3/041 (2006.01) H04N 5/232 (2006.01) H04N 7/18 (2006.01)**
[25] EN
[54] **METHOD OF MANIPULATING ASSETS SHOWN ON A TOUCH-SENSITIVE DISPLAY**
[54] **METHODE DE MANIPULATION DE RESSOURCES AFFICHEES SUR UN ECRAN TACTILE**
[72] LABERGE, JASON, US
[72] DHARWADA, PALLAVI, US
[73] HONEYWELL INTERNATIONAL INC., US
[86] (2729392)
[87] (2729392)
[22] 2011-01-27
[30] US (12/704,987) 2010-02-12

[11] **2,729,594**
[13] C
[51] **Int.Cl. A61L 27/12 (2006.01)**
[25] FR
[54] **BONE SUBSTITUTE, AND METHOD FOR THE PREPARATION THEREOF**
[54] **SUBSTITUT OSSEUX, ET PROCEDE POUR SA PREPARATION**
[72] NASSIF, NADINE, FR
[72] GOBEAUX, FREDERIC, FR
[72] GIRAUD GUILLE, MARIE MADELEINE, FR
[72] MOSSER, GERVAISE, FR
[73] UNIVERSITE PIERRE ET MARIE CURIE (PARIS 6), FR
[73] ECOLE PRATIQUE DES HAUTES ETUDES, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[85] 2010-12-24
[86] 2009-06-26 (PCT/FR2009/051233)
[87] (WO2010/004182)
[30] FR (0803663) 2008-06-30

---

[11] **2,729,737**
[13] C
[51] **Int.Cl. B01D 67/00 (2006.01) B01D 69/12 (2006.01) B01D 71/76 (2006.01)**
[25] EN
[54] **MEMBRANES WITH EMBEDDED NANOTUBES FOR SELECTIVE PERMEABILITY**
[54] **MEMBRANES A NANOTUBES INCORPORES POUR PERMEABILITE SELECTIVE**
[72] RATTO, TIMOTHY V., US
[72] HOLT, JASON K., US
[72] SZMODIS, ALAN W., US
[73] NANOASIS TECHNOLOGIES, INC., US
[85] 2010-12-30
[86] 2009-06-29 (PCT/US2009/049087)
[87] (WO2010/002805)
[30] US (61/077,088) 2008-06-30
[30] US (12/269,714) 2008-11-12
[30] US (12/491,867) 2009-06-25

---

[11] **2,730,321**
[13] C
[51] **Int.Cl. A61K 9/19 (2006.01) A61K 9/14 (2006.01) A61K 9/16 (2006.01) A61K 47/14 (2017.01)**
[25] EN
[54] **PROCESS FOR PREPARING MICROPARTICLES**
[54] **PROCEDE POUR PREPARER DES MICROPARTICULES**
[72] NAYLOR, ANDREW, GB
[72] LEWIS, ANDREW LESTER, GB
[72] ILLUM, LISBETH, GB
[73] CRITICAL PHARMACEUTICALS LIMITED, GB
[85] 2011-01-10
[86] 2009-07-10 (PCT/GB2009/001711)
[87] (WO2010/004287)
[30] GB (0812742.5) 2008-07-11

---

[11] **2,730,742**
[13] C
[51] **Int.Cl. A61K 39/12 (2006.01) A61K 39/395 (2006.01)**
[25] EN
[54] **HIV VACCINE BASED ON TARGETING MAXIMIZED GAG AND NEF TO DENDRITIC CELLS**
[54] **VACCIN CONTRE LE VIH BASE SUR UN CIBLAGE MAXIMISE DE GAG ET NEF PAR RAPPORT A DES CELLULES DENDRITIQUES**
[72] BANCHEREAU, JACQUES F., US
[72] ZURAWSKI, GERARD, US
[72] FLAMAR, ANNE-LAURE, US
[72] COBB, AMANDA, US
[72] MEAD, HOLLY, US
[72] MONTES, MONICA, US
[73] BAYLOR RESEARCH INSTITUTE, US
[85] 2011-01-13
[86] 2009-07-16 (PCT/US2009/050903)
[87] (WO2010/009346)
[30] US (61/081,234) 2008-07-16

---

[11] **2,731,645**
[13] C
[51] **Int.Cl. C07F 5/02 (2006.01) A61K 51/04 (2006.01) G01T 1/164 (2006.01) G21G 4/04 (2006.01)**
[25] EN
[54] **SUBSTITUTED ARYL-FLUOROBORATES AS IMAGING AGENTS**
[54] **ARYL-FLUOROBORATES SUBSTITUES EN TANT QU'AGENTS D'IMAGERIE**
[72] PERRIN, DAVID, CA
[72] TING, RICHARD, CA
[72] OVERALL, CHRISTOPHER, CA
[73] THE UNIVERSITY OF BRITISH COLUMBIA, CA
[85] 2011-01-21
[86] 2008-07-24 (PCT/CA2008/001368)
[87] (WO2009/012596)
[30] US (60/935,038) 2007-07-24

---

[11] **2,731,939**
[13] C
[51] **Int.Cl. C07D 489/12 (2006.01) A61K 31/485 (2006.01) A61P 25/04 (2006.01)**
[25] EN
[54] **BUPRENORPHINE ANALOGS**
[54] **ANALOGUES DE BUPRENORPHINE**
[72] KYLE, DONALD J., US
[72] GOEHRING, R. RICHARD, US
[72] FUNDYTUS, MARIAN E., US
[73] PURDUE PHARMA L.P., US
[85] 2011-01-25
[86] 2009-07-30 (PCT/US2009/004391)
[87] (WO2010/014229)
[30] US (61/084,764) 2008-07-30
[30] US (61/226,119) 2009-07-16

---

[11] **2,732,161**
[13] C
[51] **Int.Cl. G02B 27/01 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS TO PROCESS DISPLAY AND NON-DISPLAY INFORMATION**
[54] **PROCEDE ET APPAREIL POUR TRAITER DES INFORMATIONS D'AFFICHAGE ET DE NON AFFICHAGE**
[72] SPRAGUE, RANDALL B., US
[73] INNOVEGA INC., US
[85] 2011-01-26
[86] 2009-09-02 (PCT/US2009/055758)
[87] (WO2010/028065)
[30] US (12/204,567) 2008-09-04

[11] **2,732,334**
[13] C
[51] **Int.Cl. G01N 3/32 (2006.01) A61B 8/00 (2006.01) A61B 8/08 (2006.01) A61B 17/22 (2006.01) A61H 1/00 (2006.01) G01H 13/00 (2006.01) G01N 29/06 (2006.01) G01N 29/12 (2006.01) G01N 29/34 (2006.01)**
[25] EN
[54] **A SYSTEM AND METHOD FOR DETECTION, CHARACTERIZATION AND IMAGING OF HETEROGENEITY USING SHEAR WAVE INDUCED RESONANCE**
[54] **SYSTEME ET PROCEDE DE DETECTION, DE CARACTERISATION ET D'IMAGERIE D'HETEROGENEITE PAR RESONANCE INDUITE PAR ONDES DE CISAILLEMENT**
[72] CLOUTIER, GUY, CA
[72] SCHMITT, CEDRIC, CA
[72] HADJ HENNI, ANIS REDHA, CA
[72] MONTAGNON, EMMANUEL, CA
[73] VAL-CHUM, LIMITED PARTNERSHIP, CA
[85] 2011-01-27
[86] 2009-07-30 (PCT/CA2009/001066)
[87] (WO2010/012092)
[30] US (61/129,924) 2008-07-30

---

[11] **2,733,161**
[13] C
[51] **Int.Cl. B65D 83/04 (2006.01) B65D 75/32 (2006.01)**
[25] EN
[54] **FILM CONTAINER**
[54] **CONTENANT EN FEUILLES**
[72] KURTZE, STEPHAN, DE
[72] LUSTENBERGER, STEFAN, DE
[72] KUHN, ROLF, DE
[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[85] 2011-02-04
[86] 2009-07-30 (PCT/EP2009/059907)
[87] (WO2010/018078)
[30] EP (08162215.1) 2008-08-12

---

[11] **2,733,273**
[13] C
[51] **Int.Cl. A61L 27/36 (2006.01) A61L 27/40 (2006.01) A61L 27/44 (2006.01) A61L 27/56 (2006.01) A61L 27/54 (2006.01)**
[25] EN
[54] **POROUS SPONGE-LIKE TISSUE REPAIR IMPLANT COMPRISING A CONNECTIVE TISSUE HOMOGENATE**
[54] **IMPLANT DE REPARATION DE TISSU DE TYPE EPONGE POREUX RENFERMANT UN HOMOGENATE DE TISSU CONJONCTIF**
[72] CHEN, JINGSONG, US
[72] WOLFINBARGER, LLOYD, US
[72] CHEN, SILVIA S., US
[73] LIFENET HEALTH, US
[85] 2011-02-07
[86] 2009-08-07 (PCT/US2009/004556)
[87] (WO2010/016942)
[30] US (12/188,127) 2008-08-07

---

[11] **2,733,870**
[13] C
[51] **Int.Cl. H04W 28/16 (2009.01) H04W 24/00 (2009.01)**
[25] EN
[54] **TRAFFIC MANAGEMENT IN DISTRIBUTED WIRELESS NETWORKS**
[54] **GESTION DE TRAFIC DANS DES RESEAUX SANS FIL REPARTIS**
[72] BABIARZ, JOZEF, CA
[72] KRYM, MARVIN, CA
[73] 3 INOVA NETWORKS INC., CA
[86] (2733870)
[87] (2733870)
[22] 2011-03-07
[30] US (13/038,624) 2011-03-02

---

[11] **2,734,130**
[13] C
[51] **Int.Cl. G02B 26/02 (2006.01)**
[25] EN
[54] **SPATIAL LIGHT MODULATOR (SLM)-BASED OPTICAL ATTENUATOR**
[54] **ATTENUATEUR OPTIQUE A MODULATEUR SPATIAL DE LUMIERE (SLM)**
[72] WAGENER, JEFFERSON L., US
[72] STRASSER, THOMAS ANDREW, US
[73] NISTICA, INC., US
[85] 2011-02-14
[86] 2009-08-14 (PCT/US2009/053890)
[87] (WO2010/019885)
[30] US (12/192,952) 2008-08-15

---

[11] **2,736,498**
[13] C
[51] **Int.Cl. C12N 15/63 (2006.01) C07K 14/47 (2006.01) C12N 15/00 (2006.01) C12N 15/12 (2006.01) C12P 21/02 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR PURIFYING CALRETICULIN**
[54] **COMPOSITIONS ET METHODES DE PURIFICATION DE LA CALRETICULINE**
[72] MICHALAK, MAREK, CA
[72] DABROSKA, MONIKA, CA
[73] CALRETEX, LLC, US
[85] 2011-03-08
[86] 2009-09-11 (PCT/US2009/056637)
[87] (WO2010/030861)
[30] US (61/096,185) 2008-09-11

---

[11] **2,736,576**
[13] C
[51] **Int.Cl. C10G 3/00 (2006.01) C10G 45/02 (2006.01) C10G 45/58 (2006.01) C10G 65/04 (2006.01) C11C 3/12 (2006.01)**
[25] EN
[54] **HYDROCONVERSION PROCESS AND CATALYST**
[54] **PROCEDE ET CATALYSEUR D'HYDROCONVERSION**
[72] EGEBERG, RASMUS GOTTSCHALCK, DK
[72] KNUDSEN, KIM GRON, DK
[72] BLOM, NIELS JORGEN, DK
[72] HANSEN, JENS A., DK
[73] HALDOR TOPSOE A/S, DK
[85] 2011-03-09
[86] 2009-07-23 (PCT/EP2009/005346)
[87] (WO2010/028717)
[30] DK (PA 2008 01267) 2008-09-10

[11] **2,737,456**
[13] C
[51] **Int.Cl. A61K 47/12 (2006.01) A61K 9/10 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS AND RELATED METHODS OF DELIVERY**
[54] **PREPARATIONS PHARMACEUTIQUES ET METHODES ASSOCIEES D'ADMINISTRATION**
[72] SALAMA, PAUL, IL
[72] MAMLUK, RONI, IL
[72] MAROM, KAREN, IL
[72] WEINSTEIN, IRINA, IL
[72] TZABARI, MOSHE, IL
[73] CHIASMA INC., US
[85] 2011-03-16
[86] 2009-09-17 (PCT/IB2009/007155)
[87] (WO2010/032140)
[30] US (61/097,716) 2008-09-17
[30] US (61/141,686) 2008-12-31
[30] US (61/161,387) 2009-03-18

---

[11] **2,737,897**
[13] C
[51] **Int.Cl. G01N 21/956 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR TESTING ROPES**
[54] **SYSTEME ET PROCEDE POUR L'ESSAI DES CABLES**
[72] WINTER, SVEN, DE
[72] MOLL, DIRK, DE
[72] EISINGER, RALF, DE
[72] KUEHNER, KONSTANTIN, DE
[72] GUTTENGEBER, EGON, DE
[72] PROEHL, ANDREAS, DE
[72] EICHINGER, MARKUS, DE
[73] WINSPECT GMBH, DE
[86] (2737897)
[87] (2737897)
[22] 2011-04-26
[30] EP (10 004 488.2) 2010-04-28

---

[11] **2,738,053**
[13] C
[51] **Int.Cl. H01J 49/16 (2006.01) G01N 27/64 (2006.01) G01N 33/22 (2006.01) H01J 49/26 (2006.01)**
[25] EN
[54] **PHOTOEMISSION INDUCED ELECTRON IONIZATION**
[54] **IONISATION ELECTRONIQUE INDUITE PAR PHOTO-EMISSION**
[72] SYAGE, JACK A., US
[72] VILKOV, ANDREY N., US
[73] MORPHO DETECTION, LLC, US
[86] (2738053)
[87] (2738053)
[22] 2011-04-21
[30] US (61/326,524) 2010-04-21
[30] US (13/091,365) 2011-04-21

---

[11] **2,739,931**
[13] C
[51] **Int.Cl. B25B 5/12 (2006.01) B25B 1/14 (2006.01)**
[25] EN
[54] **SELF ADJUSTING TOGGLE CLAMP**
[54] **DISPOSITIF DE SERRAGE ARTICULE A REGLAGE AUTOMATIQUE**
[72] POOLE, ROBERT, N., US
[72] POOLE, DANIEL, US
[73] POOLE, DANIEL, US
[73] POOLE, ROBERT N., US
[85] 2011-04-07
[86] 2009-10-15 (PCT/US2009/060915)
[87] (WO2010/045504)
[30] US (61/105,541) 2008-10-15

---

[11] **2,740,154**
[13] C
[51] **Int.Cl. H04L 12/935 (2013.01) H04B 10/27 (2013.01) H04L 12/701 (2013.01)**
[25] EN
[54] **METHODS OF PORT MAPPING IN FIBER OPTIC NETWORK DEVICES**
[54] **PROCEDES DE MAPPAGE DE PORTS DANS DES DISPOSITIFS DE RESEAU A FIBRES OPTIQUES**
[72] CONNER, MARK EDWARD, US
[73] CORNING OPTICAL COMMUNICATIONS LLC, US
[85] 2011-04-11
[86] 2009-09-16 (PCT/US2009/057128)
[87] (WO2010/044975)
[30] US (61/105,306) 2008-10-14
[30] US (12/323,344) 2008-11-25

---

[11] **2,741,195**
[13] C
[51] **Int.Cl. A61M 5/168 (2006.01) F04B 19/00 (2006.01)**
[25] EN
[54] **MEMS FLUID PUMP WITH INTEGRATED PRESSURE SENSOR FOR DYSFUNCTION DETECTION**
[54] **POMPE A FLUIDE MEMS AVEC CAPTEUR DE PRESSION INTEGRE, DESTINEE A DETECTER UN DYSFONCTIONNEMENT**
[72] CHAPPEL, ERIC, FR
[72] SCHNEEBERGER, NIKLAUS, CH
[72] NEFTEL, FREDERIC, CH
[73] DEBIOTECH S.A., CH
[85] 2011-04-19
[86] 2008-10-22 (PCT/IB2008/054353)
[87] (WO2010/046728)

---

[11] **2,742,499**
[13] C
[51] **Int.Cl. F16L 1/15 (2006.01) E21B 17/01 (2006.01) E21B 43/013 (2006.01) F16L 1/24 (2006.01)**
[25] FR
[54] **METHOD FOR ASSEMBLING AN OPERATING RIG FOR A FLUID IN A BODY OF WATER AND ASSOCIATED OPERATING RIG**
[54] **PROCEDE DE MONTAGE D'UNE TOUR D'EXPLOITATION D'UN FLUIDE DANS UNE ETENDUE D'EAU ET TOUR D'EXPLOITATION ASSOCIEE**
[72] REMERY, JEROEN, FR
[72] VIVET, ROMAIN, FR
[72] DEFRESLON, CHRISTOPHE, FR
[72] LUPPI, ANGE, FR
[73] TECHNIP FRANCE, FR
[85] 2011-05-03
[86] 2009-11-03 (PCT/FR2009/052123)
[87] (WO2010/052422)
[30] FR (08 57521) 2008-11-05
[30] FR (09 52387) 2009-04-10

[11] **2,742,501**
[13] C
[51] **Int.Cl. F16L 1/15 (2006.01) E21B 17/01 (2006.01) E21B 43/013 (2006.01) F16L 1/24 (2006.01)**
[25] FR
[54] **METHOD FOR INSTALLING AN OPERATING RIG FOR A FLUID IN A BODY OF WATER WITH A TRACTION UNIT**
[54] **PROCEDE DE MISE EN PLACE D'UNE TOUR D'EXPLOITATION D'UN FLUIDE DANS UNE ETENDUE D'EAU AVEC UN ENGIN DE TRACTION**
[72] REMERY, JEROEN, FR
[72] VIVET, ROMAIN, FR
[72] DEFRESLON, CHRISTOPHE, FR
[72] LUPPI, ANGE, FR
[73] TECHNIP FRANCE, FR
[85] 2011-05-03
[86] 2009-11-03 (PCT/FR2009/052124)
[87] (WO2010/052423)
[30] FR (08 57521) 2008-11-05
[30] FR (09 52388) 2009-04-10

---

[11] **2,742,743**
[13] C
[51] **Int.Cl. A61K 45/06 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMBINATIONS COMPRISING A PYRIDO [4,3-D] PYRIMIDINE DERIVED HSP90-INHIBITOR AND A HER2 INHIBITOR**
[54] **COMBINAISONS PHARMACEUTIQUES RENFERMANT UN INHIBITEUR HSP90 DERIVE DE PYRIDO [4,3-D] PYRIMIDINE ET UN INHIBITEUR HER2**
[72] GARCIA-ECHEVERRIA, CARLOS, CH
[72] JENSEN, MICHAEL RUGAARD, CH
[73] NOVARTIS AG, CH
[85] 2011-05-04
[86] 2009-11-25 (PCT/EP2009/065861)
[87] (WO2010/060939)
[30] EP (08170255.7) 2008-11-28
[30] EP (08170261.5) 2008-11-28

---

[11] **2,742,924**
[13] C
[51] **Int.Cl. B62D 29/00 (2006.01)**
[25] EN
[54] **HYBRID REINFORCEMENT STRUCTURE**
[54] **STRUCTURE DE RENFORT HYBRIDE**
[72] RICHARDSON, HENRY E., US
[72] QIAN, XUPING, US
[72] HULETT, GARY, US
[73] ZEPHYROS, INC., US
[85] 2011-05-05
[86] 2009-11-06 (PCT/US2009/063553)
[87] (WO2010/054194)
[30] US (06112331) 2008-11-07

---

[11] **2,742,973**
[13] A1
[51] **Int.Cl. A61K 31/38 (2006.01) A61K 31/19 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **USE OF LOW DOSAGES OF LIPOIC ACID IN THE TREATMENT OF OCULAR DISORDERS**
[54] **EMPLOI DE FAIBLES DOSES D'ACIDE LIPOIQUE DANS LE TRAITEMENT DES TROUBLES OCULAIRES**
[72] GARNER, WILLIAM, US
[72] GARNER, MARGARET, US
[73] ENCORE HEALTH, LLC, US
[73] GARNER, WILLIAM, ZZ
[73] GARNER, MARGARET, ZZ
[85] 2011-05-06
[86] 2009-11-06 (PCT/US2009/063469)
[87] (WO2010/054135)
[30] US (12/267,208) 2008-11-07

---

[11] **2,743,095**
[13] C
[51] **Int.Cl. C09K 5/06 (2006.01) C23F 11/08 (2006.01) F01P 3/00 (2006.01)**
[25] EN
[54] **HEAT TRANSFER FLUIDS AND CORROSION INHIBITOR FORMULATIONS FOR USE THEREOF**
[54] **FLUIDES DE TRANSFERT DE CHALEUR ET FORMULES ANTICORROSION LES UTILISANT**
[72] YANG, BO, US
[72] GERSHUN, ALEKSEI, US
[72] WOYCIESJES, PETER, US
[73] PRESTONE PRODUCTS CORPORATION, US
[85] 2011-05-06
[86] 2009-11-06 (PCT/US2009/063587)
[87] (WO2010/054224)
[30] US (61/112,367) 2008-11-07

---

[11] **2,743,124**
[13] C
[51] **Int.Cl. H04L 12/16 (2006.01) G06F 17/00 (2006.01) H04L 9/32 (2006.01) H04L 12/24 (2006.01)**
[25] EN
[54] **TECHNIQUES TO AUTOMATICALLY SYNDICATE CONTENT OVER A NETWORK**
[54] **TECHNIQUES DE SYNDICATION AUTOMATIQUE DE CONTENU SUR UN RESEAU**
[72] STICH, CHRISTIAN E., US
[72] HOWELL, GARETH, US
[72] DAVIS, TRISTAN, US
[72] PARISH, DAN, US
[72] MEGIDDO, ERAN, US
[72] DER, SHERMAN, US
[72] RAMBHARACK, JEFF, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2011-05-09
[86] 2009-11-10 (PCT/US2009/063893)
[87] (WO2010/077440)
[30] US (12/337,463) 2008-12-17

[11] **2,743,963**
[13] C
[51] **Int.Cl. C09D 11/101 (2014.01) B41J 3/32 (2006.01) G07D 7/20 (2016.01)**
[25] EN
[54] **METHOD AND COMPOSITION FOR PRINTING TACTILE MARKS AND SECURITY DOCUMENT FORMED THEREFROM**
[54] **PROCEDE ET COMPOSITION POUR L'IMPRESSION DE MARQUES TACTILES ET DOCUMENT DE SECURITE FORME A PARTIR DE CEUX-CI**
[72] CHALIFOUX, NORBERT JOSEPH SYLVAIN, CA
[72] CRISAN, SILVIU, CA
[72] RYGAS, TADEUSZ PIOTR, CA
[72] THURAILINGAM, THIVAHARAN, CA
[73] CANADIAN BANK NOTE COMPANY, LIMITED, CA
[85] 2011-05-17
[86] 2009-12-21 (PCT/CA2009/001869)
[87] (WO2010/071993)
[30] CA (PCT/CA2008/002240) 2008-12-22

---

[11] **2,744,716**
[13] C
[51] **Int.Cl. C12N 1/19 (2006.01) C12N 9/00 (2006.01) C12P 7/64 (2006.01)**
[25] EN
[54] **REDUCING BYPRODUCTION OF MALONATES IN A FERMENTATION PROCESS**
[54] **REDUCTION DES SOUS-PRODUITS MALONATES FORMES DANS UN PROCEDE DE FERMENTATION**
[72] XUE, ZHIXIONG, US
[72] ZHU, QUINN QUN, US
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2011-05-25
[86] 2009-12-15 (PCT/US2009/068000)
[87] (WO2010/080388)
[30] US (61/138,922) 2008-12-18

---

[11] **2,744,774**
[13] C
[51] **Int.Cl. H01L 31/0296 (2006.01) H01L 31/073 (2012.01) H01L 31/18 (2006.01)**
[25] EN
[54] **HIGH POWER EFFICIENCY, LARGE SUBSTRATE, POLYCRYSTALLINE CDTE THIN FILM SEMICONDUCTOR PHOTOVOLTAIC CELL STRUCTURES GROWN BY MOLECULAR BEAM EPITAXY AT HIGH DEPOSITION RATE FOR USE IN SOLAR ELECTRICITY GENERATION**
[54] **STRUCTURES DE CELLULE PHOTOVOLTAIQUE A SEMI-CONDUCTEURS DE FILM MINCE DE TELLURE DE CADMIUM (CDTE) POLYCRISTALLIN, A GRAND SUBSTRAT ET A GRANDE EFFICACITE ENERGETIQUE, MISES A CROITRE PAR EPITAXIE DE FAISCEAU MOLECULAIRE A UNE VITESSE DE DEPOT ELEVEE, DEVANT ETRE UTILISEES DANS LA PRODUCTION D'ELECTRICITE SOLAIRE**
[72] GARNETT, JAMES DAVID, US
[73] URIEL SOLAR, INC., US
[85] 2011-05-26
[86] 2009-07-17 (PCT/US2009/051055)
[87] (WO2010/009436)
[30] US (61/081,625) 2008-07-17
[30] US (61/082,759) 2008-07-22
[30] US (61/186,788) 2009-06-12

---

[11] **2,745,028**
[13] C
[51] **Int.Cl. A61B 17/04 (2006.01) A61B 17/06 (2006.01) A61B 17/068 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR MINIMALLY INVASIVE SUTURING**
[54] **APPAREIL ET PROCEDE POUR UNE SUTURE A INVASION MINIMALE**
[72] MEADE, JOHN C., US
[72] GRIFFITHS, JERRY R., US
[72] DIFRANCESCO, FRANCIS J., US
[72] CLARK, RICHARD, US
[73] ENDOEVOLUTION, LLC, US
[85] 2011-05-27
[86] 2009-11-20 (PCT/US2009/006212)
[87] (WO2010/062380)
[30] US (61/200,180) 2008-11-25

---

[11] **2,745,628**
[13] C
[51] **Int.Cl. C11D 3/37 (2006.01) C11D 1/62 (2006.01)**
[25] EN
[54] **IMPROVEMENTS RELATING TO FABRIC CONDITIONERS**
[54] **AMELIORATIONS SE RAPPORTANT A DES AGENTS DE TRAITEMENT DE TISSUS**
[72] CLOWES, ELIZABETH ANN, GB
[72] MOLE, CHARLES VINCENT, GB
[72] NEWMAN, MARK NICHOLAS, GB
[72] PERRY, JANETTE, GB
[73] UNILEVER PLC, GB
[85] 2011-06-02
[86] 2009-12-24 (PCT/EP2009/067917)
[87] (WO2010/079100)
[30] EP (PCT/EP2009/050076) 2009-01-06

---

[11] **2,745,955**
[13] C
[51] **Int.Cl. C07D 213/38 (2006.01) A61K 51/04 (2006.01) A61K 51/08 (2006.01) C07C 275/24 (2006.01)**
[25] EN
[54] **TECHNETIUM- AND RHENIUM-BIS (HETEROARYL) COMPLEXES AND METHODS OF USE THEREOF FOR INHIBITING PSMA**
[54] **COMPLEXES DE TECHNETIUM ET DE RHENIUM BIS (HETEROARYLE) ET PROCEDES D'UTILISATION DE CEUX-CI POUR INHIBER LE PSMA**
[72] BABICH, JOHN W., US
[72] ZIMMERMAN, CRAIG, US
[72] JOYAL, JOHN, US
[72] MARESCA, KEVIN P., US
[72] LU, GENLIANG, US
[72] HILLIER, SHAWN, US
[73] MOLECULAR INSIGHT PHARMACEUTICALS, INC., US
[85] 2011-06-03
[86] 2009-12-04 (PCT/US2009/066836)
[87] (WO2010/065902)
[30] US (61/120,226) 2008-12-05
[30] US (61/180,341) 2009-05-21

[11] **2,746,749**
[13] C
[51] **Int.Cl. G06Q 30/08 (2012.01)**
[25] EN
[54] **SYSTEM FOR CONTROLLING A TRADE OF AN OBJECT BETWEEN A PLURALITY OF PARTICIPANT ENTITIES OVER A COMMUNICATION NETWORK**
[54] **MECANISME DE CONTROLE DE L'ECHANGE D'UN OBJET ENTRE UNE PLURALITE D'ENTITES PARTICIPANTES SUR UN RESEAU DE COMMUNICATION**
[72] MANSTEIN, RALF, DE
[72] HERZOG-DENU, URSULA, DE
[73] MANSTEIN, RALF, DE
[73] HERZOG-DENU, URSULA, DE
[85] 2011-06-13
[86] 2009-12-17 (PCT/EP2009/009084)
[87] (WO2010/069576)
[30] EP (08172130.0) 2008-12-18

---

[11] **2,747,097**
[13] C
[51] **Int.Cl. C07C 29/151 (2006.01) C25B 1/00 (2006.01) C25B 1/04 (2006.01) C01B 3/00 (2006.01) C01B 33/023 (2006.01) C07C 31/04 (2006.01)**
[25] EN
[54] **METHOD AND FACILITY SYSTEM FOR PROVIDING AN ENERGY CARRIER BY APPLICATION OF CARBON DIOXIDE AS A CARBON SUPPLIER AND OF ELECTRIC ENERGY**
[54] **PROCEDE ET INSTALLATION PERMETTANT DE PRODUIRE UNE SOURCE D'ENERGIE EN UTILISANT DU DIOXYDE DE CARBONE COMME SOURCE DE CARBONE ET EN UTILISANT L'ENERGIE ELECTRIQUE**
[72] MEYER-PITTROFF, ROLAND, DE
[72] GRAUER, PETER, CH
[73] SILICON FIRE AG, CH
[85] 2011-06-15
[86] 2009-08-13 (PCT/EP2009/060472)
[87] (WO2010/069622)
[30] EP (PCT/EP2008/067895) 2008-12-18
[30] EP (09154271.2) 2009-03-04

---

[11] **2,747,426**
[13] C
[51] **Int.Cl. G01V 1/30 (2006.01) G01V 11/00 (2006.01) E21B 49/00 (2006.01) G01V 1/32 (2006.01)**
[25] EN
[54] **HYDROCARBON DETECTION WITH PASSIVE SEISMIC DATA**
[54] **DETECTION D'HYDROCARBURE AU MOYEN DE DONNEES SISMIQUES PASSIVES**
[72] JING, CHARLIE, US
[72] CARAZZONE, JIM J., US
[72] RUMPFHUBER, EVA-MARIA, US
[72] SALTZER, REBECCA L., US
[72] DICKENS, THOMAS A., US
[72] MULLUR, ANOOP A., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2011-06-16
[86] 2009-12-14 (PCT/US2009/067913)
[87] (WO2010/080366)
[30] US (61/143,695) 2009-01-09
[30] US (61/267,695) 2009-12-08

---

[11] **2,747,607**
[13] C
[51] **Int.Cl. A61F 2/02 (2006.01)**
[25] EN
[54] **IMPLANTS AND PROCEDURES FOR SUPPORTING ANATOMICAL STRUCTURES FOR TREATING CONDITIONS SUCH AS PELVIC ORGAN PROLAPSE**
[54] **IMPLANTS ET PROCEDURES PERMETTANT DE SUPPORTER DES STRUCTURES ANATOMIQUES POUR LE TRAITEMENT DE CONDITIONS COMME LE PROLAPSUS D'ORGANE PELVIEN**
[72] GOBRON, STEPHANE, US
[72] VERMURI, ANAND, US
[73] CALDERA MEDICAL, INC., US
[85] 2011-06-16
[86] 2010-01-05 (PCT/US2010/020158)
[87] (WO2010/078593)
[30] US (61/142,604) 2009-01-05

---

[11] **2,747,659**
[13] C
[51] **Int.Cl. A23L 33/125 (2016.01) A23L 29/20 (2016.01) A23L 29/256 (2016.01) A23L 29/262 (2016.01) A23L 33/10 (2016.01) A23P 10/00 (2016.01)**
[25] EN
[54] **SUSTAINED RELEASE OF NUTRIENTS IN VIVO**
[54] **LIBERATION PROLONGEE DE NUTRIMENTS IN VIVO**
[72] SEXTON, FREDERICK A., US
[72] KRISHNAN, SITARAMAN, US
[72] VENDRA, VENKAT KALYAN, US
[73] NEW WORLD PHARMACEUTICALS, LLC, US
[85] 2011-06-17
[86] 2009-12-17 (PCT/US2009/068608)
[87] (WO2010/080557)
[30] US (12/337,022) 2008-12-17
[30] US (PCT/US2008/087104) 2008-12-17

---

[11] **2,747,759**
[13] C
[51] **Int.Cl. A61B 17/34 (2006.01) A61B 17/00 (2006.01)**
[25] EN
[54] **PLEATED TROCAR SHIELD**
[54] **PROTECTION DE TROCART PLISSE**
[72] ALBRECHT, JEREMY J., US
[72] JOHNSON, GARY M., US
[72] GADBERRY, DONALD L., US
[72] KAHLE, HENRY, US
[72] TAYLOR, SCOTT V., US
[72] MCGINLEY, KIMBALL B., US
[73] APPLIED MEDICAL RESOURCES CORPORATION, US
[85] 2011-06-20
[86] 2010-01-11 (PCT/US2010/020663)
[87] (WO2010/081105)
[30] US (61/143,497) 2009-01-09
[30] US (61/233,746) 2009-08-13

---

[11] **2,748,205**
[13] C
[51] **Int.Cl. B61L 25/02 (2006.01) A63G 7/00 (2006.01)**
[25] EN
[54] **POSITION CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE DE POSITION**
[72] KING, STEVEN MORRIS, US
[73] UNIVERSAL CITY STUDIOS LLC, US
[85] 2011-06-23
[86] 2009-11-30 (PCT/US2009/066037)
[87] (WO2010/077505)
[30] US (12/344,633) 2008-12-29

---

[11] **2,748,488**
[13] C
[51] **Int.Cl. A61M 35/00 (2006.01) A45D 37/00 (2006.01) B05B 11/04 (2006.01) B65D 83/00 (2006.01)**
[25] EN
[54] **FLUID APPLICATION DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE D'APPLICATION DE FLUIDE**
[72] CASEY, RONALD J., US
[72] VANEK, PATRICK P., US
[72] HATHAWAY, ROYAL D., US
[72] FOSHEE, DAVID L., US
[72] MOSLER, THEODORE J., US
[72] JARDINE, NICHOLAS J., US
[72] BENOKRAITIS, KRISTIN L., US
[73] OTSUKA AMERICA PHARMACEUTICAL, INC., US
[85] 2011-06-27
[86] 2009-12-29 (PCT/US2009/069730)
[87] (WO2010/078361)
[30] US (61/141,540) 2008-12-30

---

[11] **2,748,915**
[13] C
[51] **Int.Cl. C09C 1/02 (2006.01) C09C 1/36 (2006.01) C09C 1/40 (2006.01) C09C 1/42 (2006.01)**
[25] EN
[54] **PROCESS TO PREPARE SELF-BINDING PIGMENT PARTICLES IMPLEMENTING ACRYLIC COMB COPOLYMERS WITH HYDROPHOBIC GROUPS AS COUPLING AGENTS, SELF BINDING PIGMENT PARTICLES AND USES THEREOF**
[54] **PROCEDE POUR LA PREPARATION DE PARTICULES PIGMENTAIRES AUTO-LIANTES METTANT EN JEU DES COPOLYMERES ACRYLIQUES A STRUCTURE EN PEIGNE COMPORTANT DES GROUPES HYDROPHOBES EN TANT QU'AGENTS DE COUPLAGE, PARTICULES PIGMENTAIRES AUTO- LIANTES ET LEURS UTILISATIONS**
[72] GANE, PATRICK A.C., CH
[72] HUNZIKER, PHILIPP, CH
[73] OMYA INTERNATIONAL AG, CH
[85] 2011-07-05
[86] 2010-01-11 (PCT/EP2010/050227)
[87] (WO2010/081785)
[30] EP (09150759.0) 2009-01-16
[30] US (61/207,004) 2009-02-06

---

[11] **2,749,511**
[13] C
[51] **Int.Cl. F21V 5/00 (2015.01) H01L 33/58 (2010.01) F21K 9/00 (2016.01) F21S 4/20 (2016.01) G01N 21/86 (2006.01) G02B 3/06 (2006.01) G02B 5/00 (2006.01)**
[25] EN
[54] **LIGHT EMITTING DIODE LINEAR LIGHT FOR MACHINE VISION**
[54] **ECLAIRAGE LINEAIRE PAR DIODE ELECTROLUMINESCENTE POUR VISION ARTIFICIELLE**
[72] BRUKILACCHIO, THOMAS J., US
[73] INNOVATIONS IN OPTICS, INC., US
[85] 2011-07-12
[86] 2010-01-05 (PCT/US2010/000015)
[87] (WO2010/085315)
[30] US (61/147,436) 2009-01-26

---

[11] **2,750,070**
[13] C
[51] **Int.Cl. A61K 35/742 (2015.01) A61P 1/00 (2006.01) A61P 31/04 (2006.01) C12N 1/20 (2006.01) C12P 7/52 (2006.01)**
[25] EN
[54] **METHOD FOR ALLEVIATING INTESTINAL PROBLEMS AND NOVEL BACTERIAL STRAINS THEREFOR**
[54] **PROCEDE POUR SOULAGER LES PROBLEMES INTESTINAUX ET NOUVELLES SOUCHES BACTERIENNES POUR CELUI-CI**
[72] VAN IMMERSEEL, FILIP, BE
[72] PASMANS, FRANK, BE
[72] DUCATELLE, RICHARD, BE
[72] SAS, BENEDIKT, BE
[72] EECKHAUT, VENESSA, BE
[72] HAESEBROUCK, FREDDY, BE
[73] UNIVERSITEIT GENT, BE
[85] 2011-07-19
[86] 2010-02-22 (PCT/EP2010/052184)
[87] (WO2010/094789)
[30] GB (0903016.4) 2009-02-23

---

[11] **2,750,202**
[13] C
[51] **Int.Cl. A61J 1/20 (2006.01)**
[25] EN
[54] **VIAL ADAPTER ELEMENT**
[54] **ELEMENT ADAPTATEUR POUR FLACON**
[72] SHEMESH, ELI, IL
[73] TEVA MEDICAL LTD., IL
[85] 2011-06-28
[86] 2010-01-13 (PCT/US2010/020829)
[87] (WO2010/083174)
[30] US (12/354,004) 2009-01-15

---

[11] **2,751,431**
[13] C
[51] **Int.Cl. A61B 17/17 (2006.01) A61B 17/16 (2006.01) A61B 17/32 (2006.01)**
[25] EN
[54] **REAMER AND DRILL GUIDING DEVICE**
[54] **ALESEUR ET DISPOSITIF DE GUIDAGE DE FORET**
[72] PLECKO, MICHAEL, AT
[72] FELDER, MARTIN, CH
[72] SIGRIST, ANDREAS, CH
[73] DEPUY SYNTHES PRODUCTS, INC., US
[85] 2011-08-02
[86] 2010-02-04 (PCT/US2010/023156)
[87] (WO2010/091155)
[30] US (61/150,090) 2009-02-05

[11] 2,751,481
[13] C
[51] **Int.Cl. C07D 413/14 (2006.01) A61K 31/438 (2006.01) A61K 31/444 (2006.01) A61K 31/4709 (2006.01) A61P 1/00 (2006.01) A61P 9/00 (2006.01) A61P 25/00 (2006.01) A61P 29/00 (2006.01) A61P 31/00 (2006.01) A61P 31/12 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01) C07D 205/12 (2006.01) C07D 209/54 (2006.01) C07D 213/74 (2006.01) C07D 215/38 (2006.01) C07D 221/20 (2006.01) C07D 261/12 (2006.01) C07D 277/24 (2006.01) C07D 417/14 (2006.01)**
[25] FR
[54] **DERIVATIVES OF AZASPIRANYL-ALKYLCARBAMATES OF 5-MEMBER HETEROCYCLIC COMPOUNDS, PREPARATION THEREOF AND THERAPEUTIC USE THEREOF**
[54] **DERIVES D'AZASPIRANYL-ALKYLCARBAMATES D'HETEROCYCLES A 5 CHAINONS, LEUR PREPARATION ET LEUR APPLICATION EN THERAPEUTIQUE**
[72] ABOUABDELLAH, AHMED, FR
[72] CHEREZE, NATHALIE, FR
[72] FAYOL, AUDE, FR
[72] LOCHEAD, ALISTAIR, FR
[72] SAADY, MOURAD, FR
[72] VACHE, JULIEN, FR
[72] YAICHE, PHILIPPE, FR
[73] SANOFI, FR
[85] 2011-08-03
[86] 2010-02-04 (PCT/FR2010/050183)
[87] (WO2010/089510)
[30] FR (0900493) 2009-02-05

---

[11] 2,752,024
[13] C
[51] **Int.Cl. A61M 25/06 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING A FLOW CONTROL VALVE FOR A MEDICAL DEVICE**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE PROCURER UN ROBINET DE REGLAGE POUR UN DISPOSITIF MEDICAL**
[72] MCKINNON, AUSTIN JASON, US
[72] ISAACSON, S. RAY, US
[72] STOUT, MARTY L., US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2011-08-09
[86] 2010-02-11 (PCT/US2010/023899)
[87] (WO2010/093792)
[30] US (61/151,773) 2009-02-11
[30] US (12/703,406) 2010-02-10

---

[11] 2,752,028
[13] C
[51] **Int.Cl. A61M 5/14 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ORGANIZING AND PRIMING AN IV ADMINISTRATION SET**
[54] **SYSTEMES ET PROCEDES D'ORGANISATION ET D'AMORCAGE D'UN ENSEMBLE D'ADMINISTRATION INTRAVEINEUSE**
[72] HARDING, WESTON F., US
[72] DAVIS, BRYAN G., US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2011-08-09
[86] 2010-02-11 (PCT/US2010/023906)
[87] (WO2010/093798)
[30] US (12/370,344) 2009-02-12

---

[11] 2,752,659
[13] C
[51] **Int.Cl. B65B 3/12 (2006.01) A23G 1/20 (2006.01) A23G 3/02 (2006.01) A23G 3/20 (2006.01) B05C 5/02 (2006.01) F16K 1/08 (2006.01) G01F 11/32 (2006.01) G01F 15/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR DEPOSITING**
[54] **APPAREIL DE DEPOT**
[72] WALKER, JOHN HOWARD, GB
[72] LEADBEATER, JOHN MICHAEL, GB
[72] SUTTON, JONATHAN, GB
[73] NESTEC S.A., CH
[85] 2011-08-15
[86] 2010-02-24 (PCT/EP2010/001121)
[87] (WO2010/102716)
[30] GB (0904393.6) 2009-03-13

---

[11] 2,753,565
[13] C
[51] **Int.Cl. G01N 1/20 (2006.01)**
[25] EN
[54] **SELF-FLUSHING BOTTLE IN-LINE FLUID SAMPLER**
[54] **ECHANTILLONNEUR DE FLUIDE EN LIGNE POUR BOUTEILLE A PURGE AUTOMATIQUE**
[72] HENNEN, JAMES M., US
[72] ALLEN, WILLIAM E., US
[73] MTS SYSTEMS CORPORATION, US
[85] 2011-08-24
[86] 2010-02-25 (PCT/US2010/025336)
[87] (WO2010/099274)
[30] US (12/392,458) 2009-02-25

[11] **2,753,862**
[13] C
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/4985 (2006.01) A61P 3/04 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **TETRAHYDRO-IMIDAZO[1,5-.ALPHA.]PYRAZINE DERIVATIVES SALTS, PREPARATION METHODS AND MEDICINAL USE THEREOF**
[54] **SELS DE DERIVES DE TETRAHYDRO-IMIDAZO[1,5-A]PYRAZINE, LEURS METHODES DE PREPARATION ET LEUR UTILISATION PHARMACEUTIQUE**
[72] TANG, PENG CHO, CN
[72] SUN, PIAOYANG, CN
[72] YANG, FANGLONG, CN
[72] LIANG, JINDONG, CN
[72] SHEN, GUANGYUAN, CN
[72] WANG, YANG, CN
[72] FAN, JIANG, CN
[73] JIANGSU HENGRUI MEDICINE CO., LTD., CN
[73] SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD., CN
[85] 2011-08-29
[86] 2010-03-03 (PCT/CN2010/000257)
[87] (WO2010/099698)
[30] CN (200910047075.4) 2009-03-05

[11] **2,753,983**
[13] C
[51] **Int.Cl. B65H 75/18 (2006.01) B65H 49/36 (2006.01) B65H 75/12 (2006.01)**
[25] EN
[54] **FIBER MANAGEMENT SPOOL**
[54] **BOBINE DE GESTION DE FIBRES**
[72] KIMBRELL, EDDIE, US
[72] COURCHAINE, WILFRED, US
[73] AFL TELECOMMUNICATIONS LLC, US
[85] 2011-08-30
[86] 2010-09-14 (PCT/US2010/048690)
[87] (WO2011/032118)
[30] US (61/242,001) 2009-09-14

[11] **2,755,776**
[13] C
[51] **Int.Cl. B60G 7/00 (2006.01) B21D 53/88 (2006.01)**
[25] EN
[54] **SUSPENSION ARM/LINK FOR MOTOR VEHICLE AND METHOD FOR MAKING SAME**
[54] **BRAS/LIAISON DE SUSPENSION POUR VEHICULE A MOTEUR ET PROCEDE POUR SA REALISATION**
[72] PERRY, WILLIAM R., US
[72] SCHOENHERR, JULIE, US
[73] MAGNA INTERNATIONAL INC., CA
[85] 2011-09-16
[86] 2010-03-12 (PCT/CA2010/000367)
[87] (WO2010/105340)
[30] US (61/161,923) 2009-03-20

[11] **2,755,787**
[13] C
[51] **Int.Cl. A61M 25/06 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING A CONVENTIONAL INTEGRATED CATHETER WITH UNIVERSAL GRIP**
[54] **SYSTEMES ET PROCEDES DE CONCEPTION D'UN CATHETER INTEGRE TRADITIONNEL COMPORTANT UNE SURFACE DE PREHENSION UNIVERSELLE**
[72] BURKHOLZ, JONATHAN KARL, US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2011-09-16
[86] 2010-03-23 (PCT/US2010/028339)
[87] (WO2010/111285)
[30] US (12/411,821) 2009-03-26

[11] **2,755,986**
[13] C
[51] **Int.Cl. B65F 1/14 (2006.01) B07C 5/34 (2006.01) B65F 1/00 (2006.01) B65D 33/16 (2006.01) G06K 19/077 (2006.01)**
[25] EN
[54] **WASTE HANDLING SYSTEM AND METHOD**
[54] **PROCEDE ET SYSTEME POUR TRAITER DES DECHETS**
[72] SUNDHOLM, GOERAN, FI
[73] MARICAP OY, FI
[85] 2011-09-20
[86] 2010-03-16 (PCT/FI2010/050201)
[87] (WO2010/112668)
[30] FI (20095369) 2009-04-03
[30] FI (20095553) 2009-05-19

[11] **2,756,220**
[13] C
[51] **Int.Cl. E21B 17/042 (2006.01)**
[25] EN
[54] **THREADED THIN-WALLED DRILL TUBE JOINT**
[54] **JOINT DE TUBE DE FORAGE FILETE A FAIBLE EPAISSEUR DE PAROI**
[72] BACK, GORAN, SE
[73] SANDVIK INTELLECTUAL PROPERTY AB, SE
[85] 2011-09-21
[86] 2010-02-16 (PCT/SE2010/050173)
[87] (WO2010/110720)
[30] SE (0900388-0) 2009-03-26

[11] **2,756,651**
[13] C
[51] **Int.Cl. C25D 11/26 (2006.01) A61L 27/04 (2006.01)**
[25] EN
[54] **METAL TREATMENT**
[54] **TRAITEMENT DE METAUX**
[72] SHAWCROSS, JAMES TIMOTHY, GB
[72] LEWIS, DAVID RICHARD, GB
[72] TURNER, ANDREW DEREK, GB
[73] ACCENTUS MEDICAL LIMITED, GB
[85] 2011-09-23
[86] 2010-03-29 (PCT/GB2010/050531)
[87] (WO2010/112908)
[30] GB (0905354.7) 2009-03-30
[30] GB (0920314.2) 2009-11-20

[11] **2,757,173**
[13] C
[51] **Int.Cl. A63F 13/55 (2014.01) A63F 13/213 (2014.01) A63F 13/428 (2014.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR APPLYING MODEL TRACKING TO MOTION CAPTURE**
[54] **SYSTEMES ET PROCEDES D'APPLICATION D'UN SUIVI DE MODELE A UNE CAPTURE DE MOUVEMENT**
[72] MARGOLIS, JEFFREY, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2011-09-29
[86] 2010-04-26 (PCT/US2010/032366)
[87] (WO2010/126816)
[30] US (61/174,950) 2009-05-01
[30] US (12/485,730) 2009-06-16

[11] **2,757,180**
[13] C
[51] **Int.Cl. A61M 25/00 (2006.01)**
[25] EN
[54] **DEVICES, SYSTEMS, AND RELATED METHODS FOR DELIVERY OF FLUID TO TISSUE**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES CONNEXES D'ADMINISTRATION D'UN FLUIDE DANS UN TISSU**
[72] CRANK, JUSTIN M., US
[73] AMS RESEARCH CORPORATION, US
[85] 2011-09-29
[86] 2010-07-20 (PCT/US2010/042554)
[87] (WO2011/011382)
[30] US (61/226,871) 2009-07-20
[30] US (61/226,828) 2009-07-20
[30] US (61/226,846) 2009-07-20

---

[11] **2,757,291**
[13] C
[51] **Int.Cl. A61K 31/4427 (2006.01) A61P 27/06 (2006.01) C07D 213/72 (2006.01) C07D 401/12 (2006.01) C07D 401/14 (2006.01) C07D 405/14 (2006.01) C07D 409/14 (2006.01) C07D 417/12 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **MEDICAL COMPOSITION FOR TREATMENT OR PROPHYLAXIS OF GLAUCOMA**
[54] **COMPOSITION PHARMACEUTIQUE POUR LA PREVENTION OU LE TRAITEMENT DU GLAUCOME**
[72] HAGIHARA, MASAHIKO, JP
[72] YONEDA, KENJI, JP
[72] OKANARI, EIJI, JP
[72] SHIGETOMI, MANABU, JP
[73] UBE INDUSTRIES, LTD., JP
[85] 2011-09-29
[86] 2010-03-30 (PCT/JP2010/055719)
[87] (WO2010/113957)
[30] JP (2009-082725) 2009-03-30

---

[11] **2,758,073**
[13] C
[51] **Int.Cl. A61M 1/00 (2006.01) A61M 5/142 (2006.01) F04B 43/12 (2006.01)**
[25] EN
[54] **MULTIPLE SEGMENTED PERISTALTIC PUMP AND CASSETTE**
[54] **POMPE PERISTALTIQUE A MULTIPLES SEGMENTS ET CASSETTE**
[72] SORENSEN, GARY, US
[73] ALCON RESEARCH, LTD., US
[85] 2011-10-06
[86] 2010-04-07 (PCT/US2010/030168)
[87] (WO2010/129128)
[30] US (61/175,975) 2009-05-06

---

[11] **2,758,694**
[13] C
[51] **Int.Cl. C01B 32/00 (2017.01) C01B 32/15 (2017.01) C01B 32/16 (2017.01) C01B 32/162 (2017.01)**
[25] EN
[54] **METHOD FOR PRODUCING SOLID CARBON BY REDUCING CARBON OXIDES**
[54] **PROCEDE DE FABRICATION DE CARBONE SOLIDE PAR REDUCTION D'OXYDES DE CARBONE**
[72] NOYES, DALLAS B., US
[73] SEERSTONE LLC, US
[85] 2011-10-13
[86] 2010-04-05 (PCT/US2010/029934)
[87] (WO2010/120581)
[30] US (61/170,199) 2009-04-17

---

[11] **2,758,717**
[13] C
[51] **Int.Cl. C12G 3/02 (2006.01)**
[25] EN
[54] **SPARKLING ALCOHOLIC DRINK AND METHOD FOR PRODUCING THE SAME**
[54] **BOISSON ALCOOLISEE PETILLANTE ET SON PROCEDE DE FABRICATION**
[72] KIMURA, TATSUJI, JP
[72] ARAKI, SHIGEKI, JP
[72] IIMURE, TAKASHI, JP
[73] SAPPORO BREWERIES LIMITED, JP
[85] 2011-10-13
[86] 2010-04-21 (PCT/JP2010/057057)
[87] (WO2010/123026)
[30] JP (2009-106407) 2009-04-24

---

[11] **2,759,316**
[13] C
[51] **Int.Cl. E21B 17/00 (2006.01) E21B 17/18 (2006.01) E21B 21/12 (2006.01) E21B 47/12 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR TRANSFERRING SIGNALS THROUGH A DRILL PIPE SYSTEM**
[54] **PROCEDE ET SYSTEME DE TRANSFERT DE SIGNAUX PAR UN SYSTEME DE TIGES DE FORAGE**
[72] HOGSET, TORE, NO
[72] ALHAUG, ESPEN, NO
[73] REELWELL AS, NO
[85] 2011-10-19
[86] 2010-04-27 (PCT/NO2010/000153)
[87] (WO2010/137986)
[30] IE (S2009/0407) 2009-05-26

---

[11] **2,760,830**
[13] C
[51] **Int.Cl. E21B 10/633 (2006.01) E21B 10/20 (2006.01) E21B 10/30 (2006.01)**
[25] EN
[54] **DRILLING EQUIPMENT AND ATTACHMENT MEANS FOR THE SAME**
[54] **EQUIPEMENT DE FORAGE ET MOYEN DE FIXATION ASSOCIE**
[72] FYFE, GEORGE, AU
[73] TRANSCO MANUFACTURING AUSTRALIA PTY LTD, AU
[85] 2011-11-03
[86] 2009-11-30 (PCT/AU2009/001559)
[87] (WO2010/127382)
[30] AU (2009902048) 2009-05-08

[11] **2,762,891**
[13] C
[51] **Int.Cl. G06K 9/18 (2006.01) G01K 11/12 (2006.01) G04F 13/02 (2006.01) G07C 3/14 (2006.01)**
[25] EN
[54] **BARCODED INDICATORS FOR QUALITY MANAGEMENT**
[54] **INDICATEURS A CODE-BARRES DESTINES A UNE GESTION DE QUALITE**
[72] NEMET, YARON, IL
[72] BRAND, EPHRAIM, IL
[73] VARCODE LTD., IL
[85] 2011-11-21
[86] 2009-12-09 (PCT/IL2009/001167)
[87] (WO2010/134061)
[30] IL (PCT/IL2009/000503) 2009-05-20
[30] US (12/469,309) 2009-05-20
[30] US (61/231,799) 2009-08-06

---

[11] **2,762,917**
[13] C
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4985 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **SALTS OF METHYL (R)-7-[3-AMINO-4-(2,4,5-TRIFLUORO-PHENYL)-BUTYRYL]-3-TRIFLUOROMETHYL-5,6,7,8-TETRAHYDRO-IMIDAZO[1,5-A]PYRAZINE-1-CARBOXYLATE**
[54] **SELS DE METHYL (R)-7-[3-AMINO-4-(2,4,5-TRIFLUORO-PHENYL)-BUTYRYL]-3-TRIFLUOROMETHYL-5,6,7,8-TETRAHYDRO-IMIDAZO[1,5-A]PYRAZINE-1-CARBOXYLATE**
[72] YUAN, KAIHONG, CN
[72] MA, SHUQIN, CN
[72] ZHU, LIN, CN
[72] LIU, HUAWEN, CN
[73] JIANGSU HENGRUI MEDICINE CO., LTD., CN
[85] 2011-11-21
[86] 2010-04-29 (PCT/CN2010/072319)
[87] (WO2010/135944)
[30] CN (200910145237.8) 2009-05-27

---

[11] **2,763,078**
[13] C
[51] **Int.Cl. B66F 9/18 (2006.01) B66C 1/04 (2006.01)**
[25] EN
[54] **HOLDING DEVICE TO BE MOUNTED ON A CARRIER AND THE USE OF SUCH A DEVICE**
[54] **DISPOSITIF DE SUPPORT DESTINE A ETRE MONTE SUR UN DISPOSITIF DE TRANSPORT ET UTILISATION D'UN TEL DISPOSITIF**
[72] LAUVDAL, OLAV, NO
[73] UGLAND & LAUVDAL AS, NO
[85] 2011-10-17
[86] 2010-04-15 (PCT/NO2010/000137)
[87] (WO2010/120185)
[30] NO (20091494) 2009-04-16

---

[11] **2,763,644**
[13] C
[51] **Int.Cl. A23D 9/007 (2006.01) A23D 9/013 (2006.01)**
[25] EN
[54] **POLYMER GELATION OF OILS**
[54] **GELIFICATION POLYMERE D'HUILES**
[72] MARANGONI, ALEJANDRO GREGORIO, CA
[73] MARS, INCORPORATED, US
[85] 2011-11-25
[86] 2010-06-11 (PCT/IB2010/001471)
[87] (WO2010/143066)
[30] US (61/213,480) 2009-06-12
[30] US (61/213,738) 2009-07-08

---

[11] **2,763,919**
[13] C
[51] **Int.Cl. A61B 17/04 (2006.01)**
[25] EN
[54] **APPARATUS FOR FIXING SHEET-LIKE MATERIALS TO A TARGET TISSUE**
[54] **APPAREIL DE REPARATION DE MATERIAUX DE TYPE FEUILLE EN VUE D'UN TISSU CIBLE**
[72] EUTENEUER, CHARLES L., US
[72] MCCARVILLE, REBECCA, US
[72] FRION, DUANE, US
[72] ZENZ-OLSON, NATHANIEL, US
[72] FEEHAN, DIANE M., US
[73] ROTATION MEDICAL, INC., US
[85] 2011-11-29
[86] 2010-06-04 (PCT/US2010/037480)
[87] (WO2010/141872)
[30] US (61/184,198) 2009-06-04
[30] US (61/253,800) 2009-10-21
[30] US (61/313,051) 2010-03-11

---

[11] **2,763,922**
[13] C
[51] **Int.Cl. C08K 5/00 (2006.01) B29C 47/20 (2006.01) C08K 5/14 (2006.01) C08K 5/3435 (2006.01) F16L 11/04 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR PRODUCING PIPE HAVING IMPROVED OXIDATIVE RESISTANCE**
[54] **PROCEDES ET COMPOSITIONS POUR PRODUIRE UN TUYAU DOTE D'UNE MEILLEURE RESISTANCE A L'OXYDATION**
[72] ERICSSON, JAN, SE
[72] JOHN, JACOB, US
[73] UPONOR INNOVATION AB, SE
[85] 2011-11-29
[86] 2010-05-28 (PCT/US2010/036576)
[87] (WO2010/138816)
[30] US (61/182,530) 2009-05-29

---

[11] **2,763,937**
[13] C
[51] **Int.Cl. A61F 2/08 (2006.01) A61F 2/00 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR DEPLOYING SHEET-LIKE MATERIALS**
[54] **PROCEDES ET APPAREIL POUR LE DEPLOIEMENT DE MATERIAUX EN FEUILLE**
[72] EUTENEUER, CHARLES L., US
[72] MCCARVILLE, REBECCA, US
[72] FRION, DUANE, US
[72] ZENZ-OLSON, NATHANIEL, US
[72] FEEHAN, DIANE M., US
[72] QUACKENBUSH, JOHN, US
[73] ROTATION MEDICAL, INC., US
[85] 2011-11-29
[86] 2010-06-04 (PCT/US2010/037522)
[87] (WO2010/141906)
[30] US (61/184,198) 2009-06-04
[30] US (61/313,116) 2010-03-11

[11] **2,764,846**
[13] C
[51] **Int.Cl. B01D 53/62 (2006.01) B01D 53/52 (2006.01) F25J 3/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR REMOVING HEAVY HYDROCARBONS AND ACID GASES FROM A HYDROCARBON GAS STREAM**
[54] **SYSTEMES ET PROCEDES D'ELIMINATION D'HYDROCARBURES LOURDS ET DE GAZ ACIDES D'UN COURANT DE GAZ D'HYDROCARBURES**
[72] NORTHROP, PAUL SCOTT, US
[72] KIMBLE, EDWARD L., US
[72] MART, CHARLES J., US
[72] SIBAL, PAUL W., US
[72] KELLEY, BRUCE T., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2011-12-07
[86] 2010-07-09 (PCT/US2010/041530)
[87] (WO2011/014345)
[30] US (61/229,994) 2009-07-30
[30] US (61/357,358) 2010-06-22

---

[11] **2,765,203**
[13] C
[51] **Int.Cl. A61B 8/08 (2006.01) G01H 5/00 (2006.01)**
[25] FR
[54] **ULTRASOUND METHOD AND DEVICE FOR CHARACTERIZING AN ENVIRONMENT**
[54] **PROCEDE ET DISPOSITIF ULTRASONORES POUR CARACTERISER UN MILIEU**
[72] MINONZIO, JEAN-GABRIEL, FR
[72] TALMANT, MARYLINE, FR
[72] LAUGIER, PASCAL, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[73] UNIVERSITE PIERRE ET MARIE CURIE, FR
[85] 2011-12-09
[86] 2010-06-11 (PCT/FR2010/051175)
[87] (WO2010/142927)
[30] FR (09/02856) 2009-06-11

---

[11] **2,765,371**
[13] C
[51] **Int.Cl. A47J 31/36 (2006.01) B65D 85/804 (2006.01)**
[25] EN
[54] **SYSTEM, CAPSULE AND *METHOD FOR PREPARING* A BEVERAGE**
[54] **SYSTEME, CAPSULE ET PROCEDE DE PREPARATION DE BOISSON**
[72] KAMERBEEK, RALF, NL
[72] FLAMAND, JOHN HENRI, NL
[72] POST VAN LOON, ANGENITA DOROTHEA, NL
[72] KOELING, HENDRIK CORNELIS, NL
[72] BIESHEUVEL, AREND CORNELIS JACOBUS, NL
[73] KONINKLIJKE DOUWE EGBERTS B.V., NL
[85] 2011-12-13
[86] 2009-12-30 (PCT/NL2009/050821)
[87] (WO2010/137953)
[30] EP (09163008.7) 2009-06-17

---

[11] **2,765,964**
[13] C
[51] **Int.Cl. A61K 31/80 (2006.01) A61K 31/573 (2006.01) A61K 31/695 (2006.01) A61K 33/00 (2006.01) A61K 47/10 (2017.01) A61K 47/14 (2017.01) A61K 47/22 (2006.01) A61K 47/24 (2006.01) A61P 17/02 (2006.01) A61Q 17/04 (2006.01)**
[25] EN
[54] **SILICONE SCAR TREATMENT PREPARATION**
[54] **PREPARATION DE TRAITEMENT DE CICATRICES AVEC DE LA SILICONE**
[72] GUILBAUD, PAUL, US
[73] ADVANCED BIO-TECHNOLOGIES, INC., US
[85] 2011-12-19
[86] 2010-06-18 (PCT/US2010/039181)
[87] (WO2010/148310)
[30] US (12/487,489) 2009-06-18

---

[11] **2,766,203**
[13] C
[51] **Int.Cl. B29C 51/46 (2006.01) B29C 51/10 (2006.01)**
[25] EN
[54] **ANALYSIS DEVICE AND *METHOD FOR ANALYZING* A THERMOFORMING PROCESS IN A THERMOFORMING LAMINATING DEVICE**
[54] **DISPOSITIF D'ANALYSE ET PROCEDE POUR ANALYSER UN PROCESSUS DE THERMOFORMAGE DANS UN DISPOSITIF DE LAMINAGE ET THERMOFORMAGE**
[72] HELD, LOTHAR, DE
[72] HAYER, SASCHA, DE
[73] RENOLIT SE, DE
[85] 2011-12-20
[86] 2010-06-21 (PCT/EP2010/003736)
[87] (WO2011/006576)
[30] DE (10 2009 030 656.0) 2009-06-25

---

[11] **2,766,348**
[13] C
[51] **Int.Cl. A47J 37/06 (2006.01) A47J 27/026 (2006.01) F24C 3/04 (2006.01)**
[25] EN
[54] **SINGLE CAVITY RADIANT COOKING APPARATUS**
[54] **APPAREIL DE CUISSON RAYONNANT A CAVITE UNIQUE**
[72] AHMED, MALLIK, US
[72] GAFFORD, ALEX, US
[73] W.C. BRADLEY CO., US
[85] 2011-12-21
[86] 2010-06-28 (PCT/US2010/040200)
[87] (WO2011/002714)
[30] US (61/221,436) 2009-06-29

[11] **2,766,428**
[13] C
[51] **Int.Cl. G01S 17/66 (2006.01) G01S 17/02 (2006.01)**
[25] EN
[54] **TRACKING METHOD AND MEASURING SYSTEM HAVING A LASER TRACKER**
[54] **PROCEDE DE SUIVI ET SYSTEME DE MESURE POURVU D'UN APPAREIL DE SUIVI LASER**
[72] MOSER, DANIEL, CH
[72] MARTIN, JOEL, CH
[72] VON ARB, KONRAD, CH
[73] LEICA GEOSYSTEMS AG, CH
[85] 2011-12-22
[86] 2010-06-14 (PCT/CH2010/000154)
[87] (WO2010/148526)
[30] CH (973/09) 2009-06-23

[11] **2,766,976**
[13] C
[51] **Int.Cl. E21B 41/00 (2006.01) E21B 19/00 (2006.01)**
[25] EN
[54] **DRIP MAT**
[54] **TREILLIS D'EGOUTTAGE**
[72] KROLL, TIMM, DE
[72] KROLL, PETER, US
[73] KROLL, TIMM, DE
[73] KROLL, PETER, US
[85] 2011-12-29
[86] 2010-07-01 (PCT/EP2010/003917)
[87] (WO2011/000534)
[30] DE (20 2009 009 082.5) 2009-07-02

[11] **2,767,193**
[13] C
[51] **Int.Cl. G01S 13/94 (2006.01) G01C 23/00 (2006.01) G01S 17/93 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A SENSOR-SUPPORTED, SYNTHETIC VISION FOR LANDING SUPPORT OF HELICOPTERS UNDER BROWN-OUT OR WHITE-OUT CONDITIONS**
[54] **PROCEDE DE PRODUCTION D'UNE VISIONIQUE TOUT TEMPS ASSISTEE PAR DES CAPTEURS POUR L'ASSISTANCE A L'ATTERRISSAGE D'HELICOPTERES DANS DES CONDITIONS DE TEMPETE DE POUSSIERE/SABLE OU DE TEMPETE DE NEIGE**
[72] MUENSTERER, THOMAS, DE
[72] WEGNER, MATTHIAS, DE
[72] KIELHORN, PETER, DE
[73] EADS DEUTSCHLAND GMBH, DE
[85] 2012-01-04
[86] 2010-06-29 (PCT/DE2010/000754)
[87] (WO2011/012102)
[30] DE (10 2009 035 191.4) 2009-07-29

[11] **2,768,332**
[13] C
[51] **Int.Cl. A22C 5/00 (2006.01) A22B 7/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD OF PRESERVING MUCOSA**
[54] **APPAREIL ET PROCEDE POUR CONSERVER DES MUQUEUSES**
[72] GIJTENBEEK, ADOLPH BARTHOLOMEUS, NL
[72] VAN TUIJN, HARRY, NL
[72] PLOEGMAKERS, MARINUS JOHANNES GERARDUS MARIA, NL
[73] MERCK SHARP & DOHME B.V., NL
[85] 2012-01-16
[86] 2010-07-22 (PCT/EP2010/060657)
[87] (WO2011/009922)
[30] EP (09166256.9) 2009-07-23

[11] **2,768,528**
[13] C
[51] **Int.Cl. C07K 14/33 (2006.01) C07K 16/12 (2006.01) G01N 33/569 (2006.01)**
[25] EN
[54] **METHOD FOR DETECTING AND IDENTIFYING A VARIANT C. DIFFICILE STRAIN IN A SAMPLE**
[54] **PROCEDE DE DETECTION ET D'IDENTIFICATION D'UNE VARIANTE DE SOUCHE DE C. DIFFICILE DANS UN ECHANTILLON**
[72] VON EICHEL-STREIBER, CHRISTOPH, DE
[72] MOOS, MICHAEL, DE
[72] GISCH, KARINA, DE
[72] BRAUN, VEIT, DE
[73] BIODICS GMBH, DE
[85] 2012-01-18
[86] 2009-07-27 (PCT/DE2009/001044)
[87] (WO2011/012098)

[11] **2,768,655**
[13] C
[51] **Int.Cl. F16J 15/12 (2006.01) F16L 23/16 (2006.01)**
[25] EN
[54] **FLANGE SEALING SYSTEM**
[54] **SYSTEME DE SCELLEMENT ETANCHE DE BRIDE**
[72] STRYDOM, CHRISTIAAN PHILLIPUS, AU
[73] HALO SEALING SYSTEMS LIMITED, HK
[85] 2012-01-19
[86] 2010-08-31 (PCT/AU2010/001118)
[87] (WO2011/026172)
[30] AU (2009904213) 2009-09-03

[11] **2,768,771**
[13] C
[51] **Int.Cl. B60W 20/00 (2016.01) B60W 10/115 (2012.01) B60W 30/19 (2012.01) B60W 10/06 (2006.01) B60W 10/08 (2006.01)**
[25] EN
[54] **SYSTEM FOR MANAGING TORQUE IN A VEHICLE DRIVELINE COUPLED TO AN INTERNAL COMBUSTION ENGINE AND AN ELECTRIC MOTOR**
[54] **SYSTEME DE GESTION D?UN COUPLE DANS UN TRAIN DE TRANSMISSION D?UN VEHICULE ACCOUPLE A UN MOTEUR A COMBUSTION INTERNE ET A UN MOTEUR ELECTRIQUE**
[72] KRESSE, JOHN, US
[72] RUNDE, JEFFREY, US
[73] ALLISON TRANSMISSION, INC., US
[85] 2012-01-20
[86] 2010-06-29 (PCT/US2010/040303)
[87] (WO2011/011165)
[30] US (12/508,309) 2009-07-23

---

[11] **2,769,058**
[13] C
[51] **Int.Cl. F16H 61/00 (2006.01) F15C 3/02 (2006.01) F16H 61/12 (2010.01)**
[25] EN
[54] **ELECTRONICALLY CONTROLLED RANGE VALVE FOR MULTI-SPEED PLANETARY TRANSMISSION**
[54] **SOUPAPE DE RAPPORT A COMMANDE ELECTRONIQUE POUR TRANSMISSION EPICYCLOIDALE A VITESSE MULTIPLE**
[72] LONG, CHARLES F., US
[72] TAYLOR, CHARLES T., US
[73] ALLISON TRANSMISSION, INC., US
[85] 2012-01-24
[86] 2010-06-28 (PCT/US2010/040162)
[87] (WO2011/014326)
[30] US (12/510,487) 2009-07-28

---

[11] **2,770,017**
[13] C
[51] **Int.Cl. H01H 13/86 (2006.01) H01H 13/715 (2006.01) H01H 13/83 (2006.01) G06F 3/02 (2006.01)**
[25] EN
[54] **EXPANDABLE KEYBOARD**
[54] **CLAVIER EXPANSIBLE**
[72] RAK, ROMAN PETER, CA
[72] GRIFFIN, JASON TYLER, CA
[73] BLACKBERRY LIMITED, CA
[86] (2770017)
[87] (2770017)
[22] 2012-03-05
[30] US (13/312,734) 2011-12-06

---

[11] **2,770,679**
[13] C
[51] **Int.Cl. B08B 9/02 (2006.01) B67D 7/04 (2010.01) B67D 7/76 (2010.01) G06Q 50/28 (2012.01) B08B 9/08 (2006.01) B65B 55/24 (2006.01) B65D 88/00 (2006.01) B65G 69/00 (2006.01) F17D 3/00 (2006.01)**
[25] EN
[54] **DISTRIBUTION METHOD FOR LOW-SULFUR FUELS PRODUCTS**
[54] **PROCEDE DE DISTRIBUTION DE PRODUITS COMBUSTIBLES A FAIBLE TENEUR EN SOUFRE**
[72] BESSONETTE, PAUL WILLIAM, US
[72] PATHAK, STEPHEN SANJAYA, CA
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2012-02-09
[86] 2010-08-06 (PCT/US2010/044713)
[87] (WO2011/019606)
[30] US (61/273,949) 2009-08-11

---

[11] **2,771,355**
[13] C
[51] **Int.Cl. A01C 5/06 (2006.01)**
[25] EN
[54] **SOIL DEFLECTOR WING FOR FURROW OPENER WITH REPLACEABLE WINGED TIP BODY**
[54] **AILETTE- DEFLECTEUR DE SOL POUR ORGANE D'OUVERTURE DE SILLON MUNIE D'UNE POINTE REMPLACABLE A AILETTES**
[72] CRUSON, BRIAN, CA
[72] BEHRNS, CLARK E. J., CA
[73] DUTCH BLACKSMITH SHOP LTD., CA
[86] (2771355)
[87] (2771355)
[22] 2012-03-08

---

[11] **2,772,215**
[13] C
[51] **Int.Cl. C08L 5/00 (2006.01) A01N 25/04 (2006.01) A61K 8/73 (2006.01) A61K 47/36 (2006.01) C08J 3/02 (2006.01) C08J 3/20 (2006.01) C08L 33/26 (2006.01)**
[25] EN
[54] **POLYMER COMPOSITIONS**
[54] **COMPOSITIONS DE POLYMERE**
[72] WU, DAN, US
[72] SHANMUGANANDAMURTHY, KRISHNAMURTHY, US
[72] GOYAL, RAJESH, US
[73] RHODIA OPERATIONS, FR
[85] 2012-02-24
[86] 2010-09-01 (PCT/US2010/002426)
[87] (WO2011/028286)
[30] US (61/275,726) 2009-09-01

---

[11] **2,773,811**
[13] C
[51] **Int.Cl. A01B 71/08 (2006.01) A01B 49/06 (2006.01) A01C 5/06 (2006.01)**
[25] EN
[54] **SCRAPER FOR A COULTER ASSEMBLY**
[54] **GRATTOIR POUR COUTRE**
[72] NAYLOR, MATTHEW STUART, CA
[72] SEIB, DAVID DANIEL, CA
[72] BROBERG, NICHOLAS CARL, CA
[73] CNH INDUSTRIAL CANADA, LTD., CA
[86] (2773811)
[87] (2773811)
[22] 2012-04-10
[30] US (13/204,088) 2011-08-05

---

[11] **2,774,720**
[13] C
[51] **Int.Cl. A61K 9/107 (2006.01) A61K 31/436 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION COMPRISING A MACROLIDE IMMUNOSUPPRESSANT DRUG**
[54] **COMPOSITION PHARMACEUTIQUE RENFERMANT UN MEDICAMENT IMMUNOSUPPRESSEUR MACROLIDE**
[72] GOEBEL, ALEXANDRA SABINE BAERBEL, DE
[73] NOVALIQ GMBH, DE
[85] 2012-05-04
[86] 2010-10-07 (PCT/EP2010/064965)
[87] (WO2011/042485)
[30] EP (09012724.2) 2009-10-08

[11] **2,774,731**
[13] C
[51] **Int.Cl. C07D 475/00 (2006.01) A61K 31/519 (2006.01) A61K 31/5377 (2006.01) A61K 31/5383 (2006.01) A61P 29/00 (2006.01) A61P 31/00 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01) C07D 519/00 (2006.01)**
[25] EN
[54] **DIHYDROPTERIDINONE DERIVATIVES, PREPARATION PROCESS AND PHARMACEUTICAL USE THEREOF**
[54] **DERIVES DE DIHYDROPTERIDINONE, LEUR PROCEDE DE PREPARATION ET UTILISATION PHARMACEUTIQUE**
[72] TANG, PENG CHO, CN
[72] ZHANG, NONG, CN
[72] ZHANG, BAOLEI, CN
[72] WANG, WEIMIN, CN
[72] ZHENG, HAO, CN
[72] WU, LIN, CN
[73] JIANGSU HANSOH PHARMACEUTICAL CO., LTD., CN
[85] 2012-03-20
[86] 2010-09-14 (PCT/CN2010/001405)
[87] (WO2011/035534)
[30] CN (200910196399.4) 2009-09-22

---

[11] **2,775,211**
[13] C
[51] **Int.Cl. G06Q 10/00 (2012.01)**
[25] EN
[54] **ROLE-BASED PRODUCT MANAGEMENT SYSTEM USING PROXY OBJECTS**
[54] **SYSTEME DE GESTION DE PRODUIT AXE SUR LE ROLE UTILISANT DES OBJETS MANDATAIRES**
[72] KNAWA, DAVID P., US
[72] MCDONEL, CRAIG EDWARD, US
[72] DAHL, MARK A., US
[72] FRANZEN, STEVEN E., US
[72] MCWATERS, DONNA WYNN, US
[72] REED, DARWIN G., US
[72] SCHREIBER, ROBERT J., US
[72] SUMMERS, GERALDINE RAE, US
[73] THE BOEING COMPANY, US
[86] (2775211)
[87] (2775211)
[22] 2012-04-19
[30] US (13/159,058) 2011-06-13

---

[11] **2,777,012**
[13] C
[51] **Int.Cl. H04W 4/04 (2009.01) H04W 52/02 (2009.01) H04W 84/18 (2009.01)**
[25] EN
[54] **WIRELESS COMMUNICATION DEVICE AND REMOTE USER INTERFACE DEVICE WITH AUTOMATIC DISCONNECT APPARATUS AND METHOD**
[54] **APPAREIL DE COMMUNICATION SANS FIL ET INTERFACE POUR UTILISATEUR DISTANT AVEC APPAREIL ET METHODE DE DECONNEXION AUTOMATIQUE**
[72] MOOSAVI, VAHID, CA
[72] WILSON, SEAN E., CA
[72] ORR, KEVIN H., CA
[73] BLACKBERRY LIMITED, CA
[86] (2777012)
[87] (2777012)
[22] 2012-05-14
[30] EP (EP11168312.4) 2011-05-31

---

[11] **2,777,896**
[13] C
[51] **Int.Cl. C07D 231/14 (2006.01) A61K 31/416 (2006.01) A61K 31/42 (2006.01) A61K 31/438 (2006.01) A61K 31/44 (2006.01) A61K 31/4523 (2006.01) A61K 31/497 (2006.01) A61K 31/5377 (2006.01) A61P 35/00 (2006.01) C07D 401/12 (2006.01) C07D 403/12 (2006.01) C07D 405/12 (2006.01) C07D 413/12 (2006.01) C07D 417/12 (2006.01)**
[25] EN
[54] **ANDROGEN RECEPTOR MODULATING COMPOUNDS**
[54] **COMPOSES MODULATEURS DE RECEPTEURS DES ANDROGENES**
[72] WOHLFAHRT, GERD, FI
[72] TOERMAEKANGAS, OLLI, FI
[72] SALO, HARRI, FI
[72] HOEGLUND, IISA, FI
[72] KARJALAINEN, ARJA, FI
[72] KNUUTTILA, PIA, FI
[72] HOLM, PATRIK, FI
[72] RASKU, SIRPA, FI
[72] VESALAINEN, ANNIINA, FI
[73] ORION CORPORATION, FI
[85] 2012-04-17
[86] 2010-10-27 (PCT/FI2010/000065)
[87] (WO2011/051540)
[30] US (61/255,159) 2009-10-27

---

[11] **2,779,432**
[13] C
[51] **Int.Cl. A61K 47/24 (2006.01) A61K 8/55 (2006.01) A61K 8/58 (2006.01) A61K 8/92 (2006.01) A61K 47/10 (2017.01) A61K 9/08 (2006.01)**
[25] EN
[54] **LIPID LAYER FORMING COMPOSITION FOR ADMINISTRATION ONTO A SURFACE OF A LIVING ORGANISM**
[54] **COMPOSITION FORMANT UNE COUCHE LIPIDIQUE DESTINEE A L'ADMINISTRATION SUR UNE SURFACE D'UN ORGANISME VIVANT**
[72] HOLMBACK, JAN, SE
[72] CARLSSON, ANDERS, SE
[73] LIPIDOR AB, SE
[85] 2012-04-30
[86] 2010-11-03 (PCT/SE2010/000268)
[87] (WO2011/056115)
[30] SE (0901409-3) 2009-11-03

---

[11] **2,781,103**
[13] C
[51] **Int.Cl. H01M 2/10 (2006.01)**
[25] EN
[54] **FLEXIBLE SIZE AND ORIENTATION BATTERY SYSTEM**
[54] **SYSTEME DE BATTERIE A ORIENTATION ET TAILLE FLEXIBLES**
[72] LARSEN, GLEN C., US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2012-05-16
[86] 2010-11-16 (PCT/US2010/056765)
[87] (WO2011/062878)
[30] US (61/262,898) 2009-11-19
[30] US (12/729,906) 2010-03-23

[11] **2,781,325**
[13] C
[51] **Int.Cl. H05K 7/14 (2006.01) H01R 24/64 (2011.01) G06F 1/16 (2006.01) H01R 13/631 (2006.01) H02J 7/00 (2006.01) H04W 88/02 (2009.01)**
[25] EN
[54] **DOCK FOR A PORTABLE ELECTRONIC DEVICE**
[54] **STATION D'ACCUEIL POUR APPAREIL ELECTRONIQUE PORTABLE**
[72] ALDANA, LEONARDO, CA
[72] MA, MING-LUN DAVE, CA
[72] WENNEMER, DIETMAR FRANK, CA
[72] SIMOES, FELIPE OLIVEIRA, CA
[73] BLACKBERRY LIMITED, CA
[86] (2781325)
[87] (2781325)
[22] 2012-06-22
[30] US (61/503,451) 2011-06-30

---

[11] **2,781,398**
[13] C
[51] **Int.Cl. G09F 3/14 (2006.01) B65D 63/00 (2006.01)**
[25] EN
[54] **LABELING ARTICLE AND MANUFACTURING METHODS**
[54] **ARTICLE D'ETIQUETAGE ET SES METHODES DE FABRICATION**
[72] MALTAS, JEFFREY SCOTT, US
[73] BEDFORD INDUSTRIES, INC., US
[85] 2012-05-18
[86] 2010-12-02 (PCT/US2010/058642)
[87] (WO2011/068925)
[30] US (61/265,945) 2009-12-02

---

[11] **2,781,450**
[13] C
[51] **Int.Cl. E04G 11/08 (2006.01) B28B 7/18 (2006.01) E04G 15/06 (2006.01) E04G 17/00 (2006.01)**
[25] EN
[54] **STRIPPING APPARATUS**
[54] **DISPOSITIF DE DECOFFRAGE**
[72] RENZ, BERND, DE
[72] ALTAVINI, SERGIO, DE
[73] PERI GMBH, DE
[85] 2012-05-18
[86] 2010-11-22 (PCT/EP2010/007071)
[87] (WO2011/063922)
[30] DE (10 2009 055 690.7) 2009-11-25

---

[11] **2,783,560**
[13] C
[51] **Int.Cl. A61M 15/00 (2006.01) G06M 1/16 (2006.01) G06M 1/24 (2006.01)**
[25] EN
[54] **DOSE INDICATOR**
[54] **INDICATEUR DE DOSE**
[72] STUART, ADAM J., GB
[73] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2012-06-07
[86] 2010-12-06 (PCT/US2010/059019)
[87] (WO2011/071788)
[30] GB (0921555.9) 2009-12-09

---

[11] **2,784,876**
[13] C
[51] **Int.Cl. C01B 3/02 (2006.01) H01M 8/04007 (2016.01) H01M 8/0612 (2016.01) H01M 8/1246 (2016.01) B01D 53/62 (2006.01) C01B 3/34 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR SIMULTANEOUS PRODUCTION OF ENERGY IN THE FORMS ELECTRICITY, HEAT AND HYDROGEN GAS**
[54] **PROCEDE ET DISPOSITIF DE PRODUCTION SIMULTANEE D'ENERGIE SOUS LA FORME D'ELECTRICITE, DE CHALEUR ET DE GAZ D'HYDROGENE**
[72] RAAHEIM, ARNE, NO
[72] VIK, ARILD, NO
[73] ZEG POWER AS, NO
[85] 2012-06-18
[86] 2010-11-03 (PCT/NO2010/000400)
[87] (WO2011/078681)
[30] NO (20093575) 2009-12-22

---

[11] **2,786,640**
[13] C
[51] **Int.Cl. E21D 11/08 (2006.01) E21D 11/38 (2006.01)**
[25] EN
[54] **PROTECTIVE ELEMENT, CONCRETE ELEMENT, AND METHOD FOR PRODUCING A CONCRETE ELEMENT**
[54] **ELEMENT DE PROTECTION, ELEMENT EN BETON ET PROCEDE POUR FABRIQUER UN ELEMENT EN BETON**
[72] PETERS, MARC, DE
[73] HERRENKNECHT AG, DE
[85] 2012-07-06
[86] 2010-01-12 (PCT/EP2010/000102)
[87] (WO2011/085734)

---

[11] **2,787,477**
[13] C
[51] **Int.Cl. H01M 8/18 (2006.01) H01M 8/04276 (2016.01) H01M 8/241 (2016.01)**
[25] EN
[54] **ENERGY STORAGE AND GENERATION SYSTEMS**
[54] **SYSTEMES DE STOCKAGE ET DE GENERATION D'ENERGIE**
[72] PELED, EMANUEL, IL
[72] BLUM, ARNON, IL
[72] AHARON, ADI, IL
[72] TRAVITSKY, NINA, IL
[72] KONRA, YARON, IL
[72] TSAMIR, IDO, IL
[72] ZEL, VLADIMIR, IL
[72] SAADI, KOBBY, IL
[72] ALON, MEITAL, IL
[72] GORENSHTEIN, ROY, IL
[73] RAMOT AT TEL-AVIV UNIVERSITY LTD., IL
[85] 2012-07-18
[86] 2011-01-24 (PCT/IB2011/000099)
[87] (WO2011/089518)
[30] US (61/297,853) 2010-01-25

---

[11] **2,788,063**
[13] C
[51] **Int.Cl. A01B 73/04 (2006.01) A01C 7/20 (2006.01)**
[25] FR
[54] **IMPROVED FOLD-AWAY SEED DRILL**
[54] **SEMOIR REPLIABLE PERFECTIONNE**
[72] AUDIGIE, JEAN-CHARLES, FR
[73] KUHN S.A., FR
[85] 2012-07-24
[86] 2011-02-17 (PCT/FR2011/050342)
[87] (WO2011/104467)
[30] FR (1051271) 2010-02-23

[11] **2,788,410**
[13] C
[51] **Int.Cl. G01L 19/00 (2006.01) F16K 1/00 (2006.01) F16L 29/02 (2006.01) F16L 37/42 (2006.01)**
[25] EN
[54] **MEASURING NEEDLE WITH NON RETURN VALVE FUNCTION**
[54] **AIGUILLE DE MESURE AYANT UNE FONCTION CLAPET DE NON-RETOUR**
[72] JILDEROS, DANIEL, SE
[73] TA HYDRONICS AB, SE
[85] 2012-07-27
[86] 2011-01-25 (PCT/SE2011/000011)
[87] (WO2011/112133)
[30] SE (1000215-2) 2010-03-08

---

[11] **2,788,564**
[13] C
[51] **Int.Cl. B23K 37/02 (2006.01)**
[25] EN
[54] **RING GEAR BASED WELDING SYSTEM**
[54] **SYSTEME DE SOUDAGE BASE SUR UNE COURONNE DENTEE**
[72] GATLIN, ROBERT WAYNE, US
[72] STEWART, CHARLES, US
[72] SYKES, IAN, US
[73] GLOBAL INDUSTRIES OFFSHORE, L.L.C., US
[85] 2012-07-30
[86] 2011-01-28 (PCT/US2011/022968)
[87] (WO2011/097131)
[30] US (12/698,815) 2010-02-02

---

[11] **2,788,603**
[13] C
[51] **Int.Cl. A61B 5/00 (2006.01) G01N 33/493 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ADMINISTERING MEDICAMENTS ON THE BASIS OF URINE VALUES**
[54] **SYSTEME ET PROCEDE D'ADMINISTRATION DE MEDICAMENTS AVEC PRISE EN COMPTE DE VALEURS URINAIRES**
[72] MAIER, HANS-OTTO, DE
[72] SCHMOLL, HORST, DE
[72] PAETZOLD, MATTHIAS, DE
[73] B. BRAUN MELSUNGEN AG, DE
[85] 2012-07-30
[86] 2011-03-03 (PCT/EP2011/053245)
[87] (WO2011/107568)
[30] DE (10 2010 010 567.8) 2010-03-05
[30] DE (10 2010 012 733.7) 2010-03-24

---

[11] **2,789,942**
[13] C
[51] **Int.Cl. H04M 3/22 (2006.01) H04L 12/26 (2006.01) H04L 12/66 (2006.01) H04M 7/12 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR A MULTITENANCY TELEPHONE NETWORK**
[54] **PROCEDE ET SYSTEME POUR RESEAU TELEPHONIQUE PARTAGE**
[72] LAWSON, JEFFREY, US
[72] WOLTHUIS, JOHN, US
[72] COOKE, EVAN, US
[73] TWILIO, INC., US
[85] 2012-08-15
[86] 2010-03-02 (PCT/US2010/025943)
[87] (WO2010/101935)
[30] US (61/156,758) 2009-03-02
[30] US (61/249,493) 2009-10-07
[30] US (61/296,270) 2010-01-19

---

[11] **2,790,389**
[13] C
[51] **Int.Cl. B01J 23/75 (2006.01) B01J 23/46 (2006.01) B01J 37/16 (2006.01) B01J 37/18 (2006.01) C10G 2/00 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCTION OF ACTIVATED FISCHER-TROPSCH SYNTHESIS CATALYST, AND PROCESS FOR PRODUCTION OF HYDROCARBON**
[54] **PROCEDE DE PRODUCTION D'UN CATALYSEUR DE SYNTHESE DE FISCHER-TROPSCH ACTIVE, ET PROCEDE DE PRODUCTION D'HYDROCARBURES**
[72] NAGAYASU, YOSHIYUKI, JP
[72] HAYASAKA, KAZUAKI, JP
[72] ONO, HIDEKI, JP
[73] JX NIPPON OIL & ENERGY CORPORATION, JP
[85] 2012-08-17
[86] 2011-01-06 (PCT/JP2011/050126)
[87] (WO2011/105118)
[30] JP (2010-043003) 2010-02-26

---

[11] **2,790,416**
[13] C
[51] **Int.Cl. G01N 33/68 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **METHODS AND MATERIALS FOR DETECTING COLORECTAL NEOPLASM**
[54] **PROCEDES ET SUBSTANCES POUR LA DETECTION DE TUMEURS COLORECTALES**
[72] ZOU, HONGZHI, US
[72] AHLQUIST, DAVID A., US
[72] HARRINGTON, JONATHAN J., US
[73] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, US
[85] 2012-08-17
[86] 2011-03-25 (PCT/US2011/029959)
[87] (WO2011/119934)
[30] US (61/318,077) 2010-03-26

---

[11] **2,791,488**
[13] C
[51] **Int.Cl. F28F 21/06 (2006.01) B01D 1/22 (2006.01) B29C 65/20 (2006.01) B29D 7/01 (2006.01) C02F 1/08 (2006.01) C02F 1/10 (2006.01) F28D 9/00 (2006.01) F28F 3/08 (2006.01)**
[25] EN
[54] **THREE ZONE PLASTIC HEAT EXCHANGE ELEMENT**
[54] **ELEMENT D'ECHANGE THERMIQUE EN PLASTIQUE A TROIS ZONES**
[72] RAMM-SCHMIDT, LEIF, FI
[72] GANESARAMAN, ARUN, IN
[73] ARVIND ACCEL LIMITED, IN
[85] 2012-08-29
[86] 2010-03-08 (PCT/FI2010/050172)
[87] (WO2011/110726)

[11] **2,791,572**
[13] C
[51] **Int.Cl. A47L 9/16 (2006.01) A47L 5/24 (2006.01) B04C 5/08 (2006.01) B04C 9/00 (2006.01)**
[25] EN
[54] **CYCLONIC SEPARATION APPARATUS FOR A VACUUM CLEANER**
[54] **APPAREIL DE SEPARATION CYCLONIQUE POUR UN ASPIRATEUR**
[72] SMITH, KEVIN, GB
[73] BLACK & DECKER INC., US
[86] (2791572)
[87] (2791572)
[22] 2012-10-09
[30] EP (11 184 822.2) 2011-10-12

[11] **2,791,950**
[13] C
[51] **Int.Cl. A47L 9/16 (2006.01) A47L 5/24 (2006.01) B04C 5/08 (2006.01) B04C 9/00 (2006.01)**
[25] EN
[54] **CYCLONIC SEPARATION APPARATUS**
[54] **APPAREIL DE SEPARATION CYCLONIQUE**
[72] SMITH, KEVIN, GB
[73] BLACK & DECKER INC., US
[86] (2791950)
[87] (2791950)
[22] 2012-10-09
[30] EP (11184830.5) 2011-10-12

[11] **2,798,662**
[13] C
[51] **Int.Cl. C08L 75/04 (2006.01) C08L 31/04 (2006.01) C09K 21/14 (2006.01) H01B 7/295 (2006.01)**
[25] EN
[54] **HALOGEN-FREE, FLAME RETARDANT COMPOSITION COMPRISING CROSSLINKED SILANE-G-EVA**
[54] **COMPOSITION RETARDATRICE DE FLAMME, EXEMPTE D'HALOGENE, COMPRENANT SILANE-G-EVA RETICULE**
[72] YAN, WILSON XIAO WEI, CN
[72] CHEN, GIVEN JING, CN
[72] HUANG, LOTUS HUA, CN
[72] GUO, DAVID HONG FEI, CN
[73] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2012-11-06
[86] 2010-05-24 (PCT/CN2010/073106)
[87] (WO2011/147068)

[11] **2,803,017**
[13] C
[51] **Int.Cl. A01G 27/00 (2006.01)**
[25] EN
[54] **GROW BAG SYSTEM WITH IRRIGATION**
[54] **SYSTEME DE SAC DE CULTURE AVEC IRRIGATION**
[72] JONES, LEE C., US
[72] CARSON, DAVID, US
[73] JARDIN HOLDINGS I LLC, US
[85] 2012-12-17
[86] 2011-06-15 (PCT/US2011/040517)
[87] (WO2011/159795)
[30] US (61/355,886) 2010-06-17

[11] ***2,805,130**
[13] C
[51] **Int.Cl. B63B 35/14 (2006.01) A01K 79/00 (2006.01) B63B 1/12 (2006.01) B63B 35/16 (2006.01) B63B 35/26 (2006.01)**
[25] EN
[54] **FISHING BOAT AND METHOD FOR CATCHING FISH**
[54] **BATEAU DE PECHE ET PROCEDE POUR ATTRAPER DES POISSONS**
[72] PANOVIC, VLATKO, CA
[73] CURMAN, IVAN, CA
[73] PANOVIC, VLATKO, CA
[85] 2013-01-11
[86] 2010-07-16 (PCT/CA2010/001094)
[87] (WO2011/009194)
[30] US (61/271,223) 2009-07-20

[11] **2,805,935**
[13] C
[51] **Int.Cl. B23C 3/00 (2006.01) B23C 3/16 (2006.01)**
[25] EN
[54] **ELBOW FORMED BY CUTTING AND METHOD FOR MANUFACTURING SAME**
[54] **COUDE FORME PAR DECOUPE ET SON PROCEDE DE FABRICATION**
[72] HORIGUCHI, NOBUO, JP
[73] NODA KANAGATA CO., LTD., JP
[73] HORIGUCHI, KEIKO, JP
[85] 2013-01-03
[86] 2010-06-28 (PCT/JP2010/060985)
[87] (WO2012/001761)

[11] **2,807,680**
[13] C
[51] **Int.Cl. H02M 7/5387 (2007.01)**
[25] EN
[54] **INVERTER SCALABLE IN POWER AND FREQUENCY**
[54] **MUTATEUR A PUISSANCE ET FREQUENCE MODULABLES**
[72] NOWAK, STEFAN, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2013-02-07
[86] 2011-07-08 (PCT/EP2011/061647)
[87] (WO2012/019839)
[30] DE (10 2010 033 755.2) 2010-08-09

[11] **2,808,302**
[13] C
[51] **Int.Cl. E21B 7/06 (2006.01) E21B 7/20 (2006.01) E21B 41/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR DRILLING A WELLBORE USING CASING**
[54] **APPAREIL ET PROCEDES PERMETTANT DE FORER UN PUITS UTILISANT UN CUVELAGE**
[72] GIROUX, RICHARD L., US
[72] GALLOWAY, GREGORY G., US
[72] LE, TUONG THANH, US
[72] JACKSON, RAYMOND H., US
[72] NAZZAL, GREGORY R., US
[72] SWARR, JAMES C., US
[72] BRUNNERT, DAVID J., US
[72] BEASLEY, WILLIAM M., US
[72] LIRETTE, BRENT J., US
[72] ODELL, ALBERT C., US
[72] TERRY, JIM, US
[72] MCKAY, DAVID, US
[72] ALKHATIB, SAMIR, US
[72] WARDLEY, MIKE, GB
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2808302)
[87] (2808302)
[22] 2004-02-02
[62] 2,725,717
[30] US (60/444,088) 2003-01-31
[30] US (60/452,317) 2003-03-05
[30] US (60/452,202) 2003-03-05
[30] US (60/452,186) 2003-03-05

[11] **2,810,789**
[13] C
[51] **Int.Cl. G01N 33/543 (2006.01)**
[25] EN
[54] **REAGENT COMPOSITION FOR NUCLEIC ACID CHROMATOGRAPHY OR IMMUNOCHROMATOGRAPHY, ITS USE AND KIT THEREOF**
[54] **COMPOSITION D'AGENT REACTIF DESTINE A LA CHROMATOGRAPHIE D'ACIDE NUCLEIQUE OU L'IMMUNOCHROMATOGRAPHIE, SON UTILISATION ET TROUSSE ASSOCIEE**
[72] SAKAKIBARA, YUHIRO, JP
[73] TANAKA KIKINZOKU KOGYO K.K., JP
[85] 2013-03-07
[86] 2011-01-14 (PCT/JP2011/050564)
[87] (WO2012/032794)
[30] JP (2010-200793) 2010-09-08

[11] **2,811,325**
[13] C
[51] **Int.Cl. G06F 21/00 (2013.01) H04L 9/00 (2006.01)**
[25] EN
[54] **A MECHANISM FOR MANAGING AUTHENTICATION DEVICE LIFECYCLES**
[54] **MECANISME DE GESTION DES CYCLES DE VIE DE DISPOSITIFS D'AUTHENTIFICATION**
[72] LAMBERT, ROBERT JOHN, CA
[73] CERTICOM CORP., CA
[85] 2013-03-14
[86] 2011-09-12 (PCT/CA2011/050550)
[87] (WO2012/040840)
[30] US (61/383,993) 2010-09-17

[11] **2,811,693**
[13] C
[51] **Int.Cl. B21D 22/21 (2006.01) B21D 22/24 (2006.01) B21D 51/44 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR FORMING A CAN SHELL**
[54] **PROCEDE ET APPAREIL PERMETTANT DE FORMER UNE ENVELOPPE DE BOITE**
[72] STODD, R. PETER, US
[73] CONTAINER DEVELOPMENT, LTD, US
[85] 2013-03-19
[86] 2011-09-15 (PCT/US2011/001590)
[87] (WO2012/039747)
[30] US (12/924,077) 2010-09-20

[11] **2,812,920**
[13] C
[51] **Int.Cl. H04M 1/725 (2006.01) G06F 1/16 (2006.01)**
[25] EN
[54] **DEVICE WITH DISPLAY SCREEN**
[54] **DISPOSITIF MUNI D'UN ECRAN D'AFFICHAGE**
[72] GORILOVSKY, DMITRY ALEKSEEVICH, RU
[72] SVERDLOV, DENNIS, RU
[73] YOTA DEVICES IPR LTD, VG
[85] 2013-03-27
[86] 2011-09-13 (PCT/RU2011/000700)
[87] (WO2012/044201)
[30] GB (1016288.1) 2010-09-28
[30] GB (1017776.4) 2010-10-20
[30] GB (1020999.7) 2010-12-10
[30] GB (1112458.3) 2011-07-20

[11] **2,813,898**
[13] C
[51] **Int.Cl. G10L 19/00 (2013.01) H04N 7/15 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR LEVEL ESTIMATION OF CODED AUDIO FRAMES IN A BIT STREAM DOMAIN**
[54] **APPAREIL ET PROCEDE D'ESTIMATION DE NIVEAU DE TRAMES AUDIO CODEES DANS UN DOMAINE DE TRAIN DE BITS**
[72] GEIGER, RALF, DE
[72] SCHNELL, MARKUS, DE
[72] LUTZKY, MANFRED, DE
[72] DIATSCHUK, MARCO, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2013-04-05
[86] 2011-10-06 (PCT/EP2011/067466)
[87] (WO2012/045816)
[30] US (61/390,739) 2010-10-07

[11] **2,814,207**
[13] C
[51] **Int.Cl. H04L 1/22 (2006.01) H04L 12/26 (2006.01)**
[25] EN
[54] **TECHNIQUES FOR NETWORK REPLICATION**
[54] **TECHNIQUES DE DUPLICATION DE RESEAU**
[72] BRANDWINE, ERIC JASON, US
[72] SIVASUBRAMANIAN, SWAMINATHAN, US
[72] MARSHALL, BRADLEY E., US
[72] CERTAIN, TATE ANDREW, US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2013-04-09
[86] 2011-12-19 (PCT/US2011/065862)
[87] (WO2012/087941)
[30] US (12/973,744) 2010-12-20

[11] **2,814,292**
[13] C
[51] **Int.Cl. H04W 52/02 (2009.01) H04W 74/06 (2009.01) H04W 76/00 (2009.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR POLLING A NETWORK SERVICE**
[54] **SYSTEME ET METHODE POUR INTERROGER UN SERVICE DE RESEAU**
[72] O'NEILL, CONOR MICHAEL, CA
[72] MARTIN, DARYL JOSEPH, CA
[73] BLACKBERRY LIMITED, CA
[86] (2814292)
[87] (2814292)
[22] 2013-04-26
[30] EP (12166819.8) 2012-05-04

[11] **2,815,202**
[13] C
[51] **Int.Cl. G06Q 40/00 (2012.01)**
[25] EN
[54] **LIABILITY RISK DRIVEN SYSTEM FOR OPTIMIZED TRIGGERING RISK EXPOSURE OF INSURANCE OBJECTS**
[54] **SYSTEME COMMANDE PAR UN RISQUE LIE A LA RESPONSABILITE POUR UN DECLENCHEMENT OPTIMISE D'UNE EXPOSITION A UN RISQUE D'OBJETS D'ASSURANCE**
[72] SALGHETTI, FILIPPO, CH
[72] BILLETER, SALOMON, CH
[72] AEBISCHER, CHRISTOPHE, CH
[73] SWISS REINSURANCE COMPANY LTD., CH
[85] 2013-04-18
[86] 2010-12-03 (PCT/IB2010/055575)
[87] (WO2012/073074)

---

[11] **2,815,666**
[13] C
[51] **Int.Cl. C11D 1/28 (2006.01) C11D 1/66 (2006.01) C11D 1/74 (2006.01) C11D 1/88 (2006.01)**
[25] EN
[54] **HARD SURFACE CLEANERS BASED ON COMPOSITIONS DERIVED FROM NATURAL OIL METATHESIS**
[54] **NETTOYANTS POUR SURFACE DURE A BASE DE COMPOSITIONS ISSUES DE METATHESE D'HUILE NATURELLE**
[72] ALLEN, DAVE R., US
[72] BERNHARDT, RANDAL J., US
[72] BROWN, AARON, US
[72] MASTERS, RONALD A., US
[72] WOLFE, PATRICK SHANE, US
[72] TITIEVSKY, LENA, US
[73] STEPAN COMPANY, US
[85] 2013-04-23
[86] 2011-10-25 (PCT/US2011/057612)
[87] (WO2012/061103)
[30] US (61/406,547) 2010-10-25
[30] US (61/406,556) 2010-10-25
[30] US (61/406,570) 2010-10-25

---

[11] **2,816,324**
[13] C
[51] **Int.Cl. G01V 15/00 (2006.01) G06K 19/077 (2006.01)**
[25] EN
[54] **RFID LABEL TECHNIQUE**
[54] **TECHNIQUE D'ETIQUETTE RFID**
[72] GREEN, ALAN, US
[72] BENOIT, DENNIS RENE, US
[73] AVERY DENNISON CORPORATION, US
[86] (2816324)
[87] (2816324)
[22] 2003-01-17
[62] 2,473,729
[30] US (60/350,606) 2002-01-18
[30] US (10/323,490) 2002-12-18

---

[11] **2,816,380**
[13] C
[51] **Int.Cl. G06F 17/00 (2006.01) H04L 12/24 (2006.01)**
[25] EN
[54] **TECHNIQUES FOR CAPTURING DATA SETS**
[54] **TECHNIQUES DE CAPTURE D'ENSEMBLES DE DONNEES**
[72] CERTAIN, TATE ANDREW, US
[72] JAIN, SACHIN, US
[72] HAMILTON, JAMES R., US
[72] CATTANEO, FIORENZO, US
[72] WEI, DANNY, US
[72] SUNDERLAND, DAVID N., US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2013-04-29
[86] 2011-12-19 (PCT/US2011/065869)
[87] (WO2012/087946)
[30] US (12/975,269) 2010-12-21

---

[11] **2,818,235**
[13] C
[51] **Int.Cl. E04B 1/41 (2006.01) E04F 13/22 (2006.01)**
[25] EN
[54] **LOW PROFILE PULLOUT RESISTANT PINTLE AND ANCHORING SYSTEM UTILIZING THE SAME**
[54] **CHEVILLE RESISTANTE A L'ARRACHEMENT A PROFIL BAS ET SYSTEME D'ANCRAGE UTILISANT CELLE-CI**
[72] HOHMANN, RONALD P., JR., US
[73] MITEK HOLDINGS, INC., US
[86] (2818235)
[87] (2818235)
[22] 2013-06-07
[30] US (13/536,676) 2012-06-28

---

[11] **2,819,350**
[13] C
[51] **Int.Cl. E21B 43/04 (2006.01) E21B 23/06 (2006.01) E21B 33/124 (2006.01) E21B 33/1295 (2006.01)**
[25] EN
[54] **PACKER FOR ALTERNATE FLOW CHANNEL GRAVEL PACKING AND METHOD FOR COMPLETING A WELLBORE**
[54] **GARNITURE POUR FILTRE A GRAVIERS A CANAUX D'ECOULEMENT ALTERNATIF ET PROCEDE DE COMPLETION D'UN PUITS DE FORAGE**
[72] YEH, CHARLES S., US
[72] BARRY, MICHAEL D., US
[72] HECKER, MICHAEL T., US
[72] MOFFETT, TRACY J., US
[72] BLACKLOCK, JON, US
[72] HAEBERLE, DAVID C., US
[72] HYDE, PATRICK C., US
[72] MACLEOD, IAIN M., GB
[72] MERCER, LEE, GB
[72] REID, STEPHEN, GB
[72] ELRICK, ANDREW J., GB
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2013-05-29
[86] 2011-11-17 (PCT/US2011/061223)
[87] (WO2012/082303)
[30] US (61/424,427) 2010-12-17

---

[11] **2,819,558**
[13] C
[51] **Int.Cl. B01J 20/12 (2006.01) B01D 53/04 (2006.01) B01J 20/18 (2006.01) B01J 20/28 (2006.01) C01B 39/36 (2006.01)**
[25] EN
[54] **GRANULATED ZEOLITES WITH HIGH ADSORPTION CAPACITY FOR ADSORPTION OF ORGANIC MOLECULES**
[54] **ZEOLITE EN GRANULES PRESENTANT UNE CAPACITE ELEVEE D'ADSORPTION DE MOLECULES ORGANIQUES**
[72] SOHLING, ULRICH, DE
[72] ZAVREL, MICHAEL, DE
[72] KRAUS, MICHAEL, DE
[72] HOFMANN, SANDRA, DE
[72] VOGEL, SANDRA, DE
[73] SUD-CHEMIE IP GMBH & CO. KG, DE
[85] 2013-05-31
[86] 2011-12-12 (PCT/EP2011/072472)
[87] (WO2012/076725)
[30] DE (10 2010 054 069.2) 2010-12-10
[30] DE (10 2011 104 006.8) 2011-06-10

[11] **2,820,308**
[13] C
[51] **Int.Cl. H04L 9/00 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **TECHNIQUES FOR PROTECTING AGAINST DENIAL OF SERVICE ATTACKS NEAR THE SOURCE**
[54] **TECHNIQUES DE PROTECTION CONTRE LES ATTAQUES PAR DENI DE SERVICE PROCHES D'UNE SOURCE**
[72] DICKINSON, ANDREW B., US
[72] BRANDWINE, ERIC JASON, US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2013-06-05
[86] 2011-12-19 (PCT/US2011/065876)
[87] (WO2012/091992)
[30] US (12/981,198) 2010-12-29

---

[11] **2,820,720**
[13] C
[51] **Int.Cl. H04L 12/26 (2006.01) H04L 9/32 (2006.01) H04L 12/14 (2006.01)**
[25] EN
[54] **SHARED TERMINAL IDENTIFICATION SYSTEM USING A NETWORK PACKET AND PROCESSING METHOD THEREOF**
[54] **SYSTEME D'IDENTIFICATION DE TERMINAUX PARTAGES UTILISANT UN PAQUET DE RESEAU ET SON PROCEDE DE TRAITEMENT**
[72] KONG, KYOUNG-PIL, KR
[72] LEE, YUN-SEOK, KR
[72] JEON, SUN MIN, KR
[73] SOOSAN INT CO., LTD., KR
[85] 2013-06-06
[86] 2011-12-05 (PCT/KR2011/009351)
[87] (WO2012/077944)
[30] KR (10-2010-0124205) 2010-12-07

---

[11] **2,820,919**
[13] C
[51] **Int.Cl. G01V 9/00 (2006.01) G01V 3/38 (2006.01) G01V 11/00 (2006.01)**
[25] EN
[54] **IMPROVED BOREHOLE LOG DATA PROCESSING METHODS**
[54] **METHODE AMELIOREE DE TRAITEMENT DES DONNEES DIAGRAPHIQUES DE PUITS DE FORAGE**
[72] ELKINGTON, PETER ADRIAN SPENCER, GB
[72] ASSOUS, SAID, GB
[72] WHETTON, JAMES, GB
[73] REEVES WIRELINE TECHNOLOGIES LIMITED, GB
[86] (2820919)
[87] (2820919)
[22] 2013-07-10
[30] GB (1305791.4) 2013-03-28

---

[11] **2,822,678**
[13] C
[51] **Int.Cl. C08F 8/50 (2006.01) C08J 11/12 (2006.01) C08L 91/06 (2006.01) C08F 10/02 (2006.01)**
[25] EN
[54] **METHOD FOR OBTAINING WAX FROM RECYCLED POLYETHYLENE**
[54] **PROCEDE D'OBTENTION DE CIRE A PARTIR DE POLYETHYLENE RECYCLE**
[72] D'AMATO, MICHAEL, CA
[72] FAUCHER, SANTIAGO, CA
[72] LINCOLN, TIMOTHY L., US
[72] DARABI, ALI, CA
[72] DUQUE, ROSA M., CA
[73] XEROX CORPORATION, US
[86] (2822678)
[87] (2822678)
[22] 2013-07-31
[30] US (13/569036) 2012-08-07

---

[11] **2,824,848**
[13] C
[51] **Int.Cl. E05B 67/06 (2006.01) E05B 67/24 (2006.01)**
[25] EN
[54] **PADLOCK**
[54] **CADENAS**
[72] GARTHE, BERNHARD, DE
[73] ABUS AUGUST BREMICKER SOHNE KG, DE
[85] 2013-07-12
[86] 2012-01-26 (PCT/EP2012/000359)
[87] (WO2012/100950)
[30] DE (10 2011 009 591.8) 2011-01-27

---

[11] **2,825,465**
[13] C
[51] **Int.Cl. G03F 7/26 (2006.01)**
[25] EN
[54] **PHOTOSENSITIVE RESIN LAMINATE AND THERMAL PROCESSING OF THE SAME**
[54] **STRATIFIE DE RESINE PHOTOSENSIBLE ET SON TRAITEMENT THERMIQUE**
[72] RECCHIA, DAVID A., US
[72] BLAIR, JOSEPH H., US
[72] VEST, RYAN W., US
[73] MACDERMID PRINTING SOLUTIONS, LLC, US
[85] 2013-07-23
[86] 2012-01-11 (PCT/US2012/020901)
[87] (WO2012/112238)
[30] US (13/030,810) 2011-02-18

---

[11] **2,829,210**
[13] C
[51] **Int.Cl. A01K 39/01 (2006.01)**
[25] EN
[54] **SQUIRREL RESISTANT DOME-SHAPED BIRD FEEDER PORT**
[54] **ORIFICE DE MANGEOIRE A OISEAUX EN FORME DE DOME RESISTANT AUX ECUREUILS**
[72] HOYSAK, JUDITH KIM, US
[73] WOODSTREAM CORPORATION, US
[86] (2829210)
[87] (2829210)
[22] 2013-09-30
[30] US (13/632,330) 2012-10-01

---

[11] **2,838,527**
[13] C
[51] **Int.Cl. F22B 27/16 (2006.01)**
[25] EN
[54] **STEAM GENERATOR AND METHOD FOR GENERATING STEAM**
[54] **GENERATEUR DE VAPEUR ET PROCEDE POUR GENERER DE LA VAPEUR**
[72] MAYS, JEFFREY A., US
[73] GAS TECHNOLOGY INSTITUTE, US
[86] (2838527)
[87] (2838527)
[22] 2013-12-30
[30] US (13/733,988) 2013-01-04

[11] **2,842,735**
[13] C
[51] **Int.Cl. B66D 1/34 (2006.01)**
[25] EN
[54] **HOIST**
[54] **MECANISME DE LEVAGE**
[72] HEINRICHS, ALBRECHT, DE
[73] MHWIRTH GMBH, DE
[85] 2014-01-22
[86] 2012-07-12 (PCT/EP2012/063684)
[87] (WO2013/013991)
[30] DE (10 2011 052 183.6) 2011-07-27

---

[11] **2,842,817**
[13] C
[51] **Int.Cl. E21B 3/02 (2006.01) E21B 19/16 (2006.01) E21B 21/02 (2006.01)**
[25] EN
[54] **DEVICE FOR PRODUCING A BORE IN THE GROUND, ROTARY DRIVE DEVICE AND ROTARY SEAL ARRANGEMENT**
[54] **DISPOSITIF DE FORAGE, DISPOSITIF D'ENTRAINEMENT EN ROTATION ET SYSTEME DE JOINT TOURNANT**
[72] FORSTER, FRANK, DE
[72] DOLLS, THOMAS, DE
[73] MHWIRTH GMBH, DE
[85] 2014-01-22
[86] 2012-07-12 (PCT/EP2012/063691)
[87] (WO2013/013993)
[30] DE (10 2011 052 182.8) 2011-07-27

---

[11] **2,843,531**
[13] C
[51] **Int.Cl. F16L 3/12 (2006.01) F16B 2/06 (2006.01) F16L 3/02 (2006.01)**
[25] EN
[54] **UNIVERSAL MOUNTING CLAMP**
[54] **PINCE DE FIXATION UNIVERSELLE**
[72] DECESARE, CHRISTOPHER W., US
[72] SENSENEY, ERIK G., US
[73] BRIDGEPORT FITTINGS, INC., US
[86] (2843531)
[87] (2843531)
[22] 2014-02-20
[30] US (61/783,478) 2013-03-14
[30] US (14/178,900) 2014-02-12

---

[11] **2,844,991**
[13] C
[51] **Int.Cl. H04W 8/00 (2009.01) G06K 7/00 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR IMPROVING MANAGEMENT OF NFC LOGICAL CONNECTIONS**
[54] **PROCEDES ET APPAREIL POUR AMELIORER LA GESTION DE CONNEXIONS LOGIQUES DE COMMUNICATIONS A CHAMP PROCHE (NFC)**
[72] HILLAN, JOHN, US
[72] GILLESPIE, ALAN, US
[73] QUALCOMM INCORPORATED, US
[85] 2014-02-11
[86] 2012-08-22 (PCT/US2012/051947)
[87] (WO2013/032824)
[30] US (61/527,975) 2011-08-26
[30] US (13/585,697) 2012-08-14

---

[11] **2,845,322**
[13] C
[51] **Int.Cl. F03D 7/00 (2006.01)**
[25] EN
[54] **BLADE BALANCING**
[54] **EQUILIBRAGE DE PALE**
[72] BAKER, JONATHON P., US
[72] MAYDA, EDWARD A., US
[72] RICKARDS, ERICK J., US
[73] FRONTIER WIND, LLC, US
[86] (2845322)
[87] (2845322)
[22] 2014-03-11
[30] US (13/837,313) 2013-03-15

---

[11] **2,847,643**
[13] C
[51] **Int.Cl. D02G 3/04 (2006.01) A61F 2/82 (2013.01) A61L 27/14 (2006.01) D01D 5/34 (2006.01) D01F 8/04 (2006.01) C08J 5/04 (2006.01)**
[25] EN
[54] **FIBERS AND YARNS USEFUL FOR CONSTRUCTING GRAFT MATERIALS**
[54] **FIBRES ET FILS UTILES POUR LA CONSTRUCTION DE MATERIAUX DE GREFFON**
[72] DWYER, CLIFFORD J., US
[73] CARDINAL HEALTH SWITZERLAND 515 GMBH, CH
[86] (2847643)
[87] (2847643)
[22] 2007-02-15
[62] 2,578,510
[30] US (11/356,677) 2006-02-17

---

[11] **2,848,480**
[13] C
[51] **Int.Cl. G10L 19/00 (2013.01) G10L 19/16 (2013.01)**
[25] EN
[54] **SYSTEM AND METHOD OF AN IN-BAND MODEM FOR DATA COMMUNICATIONS OVER DIGITAL WIRELESS COMMUNICATION NETWORKS**
[54] **SYSTEME ET PROCEDE DE MODEM INTRABANDE POUR LA COMMUNICATION DE DONNEES SUR DES RESEAUX DE COMMUNICATION SANS FIL NUMERIQUES**
[72] PIETSCH, CHRISTIAN, US
[72] FRANK, GEORG, US
[72] SGRAJA, CHRISTIAN, US
[72] HUANG, PENGJUN, US
[72] JOETTEN, CHRISTOPH A., US
[72] WERNER, MARC W., US
[72] GRANZOW, WOLFGANG, US
[73] QUALCOMM INCORPORATED, US
[86] (2848480)
[87] (2848480)
[22] 2009-06-05
[62] 2,725,321
[30] US (61/059,179) 2008-06-05
[30] US (61/087,923) 2008-08-11
[30] US (61/093,657) 2008-09-02
[30] US (61/122,997) 2008-12-16
[30] US (61/151,457) 2009-02-10
[30] US (61/166,904) 2009-04-06
[30] US (12/477,561) 2009-06-03

---

[11] **2,849,832**
[13] C
[51] **Int.Cl. A61K 31/047 (2006.01) A61K 9/00 (2006.01) A61K 47/08 (2006.01) A61P 25/02 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **TOPICAL FORMULATION FOR PAIN RELIEF**
[54] **FORMULATION TOPIQUE ANALGESIQUE**
[72] BERTRAND, HELENE, CA
[72] KYRIAZIS, MARYLENE, CA
[73] BERTRAND, HELENE, CA
[73] KYRIAZIS, MARYLENE, CA
[86] (2849832)
[87] (2849832)
[22] 2014-04-25
[30] US (61/816,913) 2013-04-29

[11] **2,850,427**
[13] C
[51] **Int.Cl. H05B 3/84 (2006.01)**
[25] EN
[54] **HEATABLE TRANSPARENCY**
[54] **VITRAGE CHAUFFANT**
[72] MCCARTHY, WILLIAM CASEY, US
[73] PPG INDUSTRIES OHIO, INC., US
[85] 2014-03-28
[86] 2012-09-07 (PCT/US2012/054189)
[87] (WO2013/048699)
[30] US (13/249,861) 2011-09-30

---

[11] **2,852,019**
[13] C
[51] **Int.Cl. A61K 38/36 (2006.01) A61K 38/37 (2006.01) A61P 7/00 (2006.01) A61P 7/02 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING HIGHLY CONCENTRATED FIBRINOGEN SOLUTION AND METHOD FOR PREPARING FIBRIN SEALANT BY USING THEREOF**
[54] **PROCEDE DE PREPARATION D'UNE SOLUTION HAUTEMENT CONCENTREE EN FIBRINOGENE ET PROCEDE DE PREPARATION DE COLLE DE FIBRINE PAR UTILISATION DE CELLE-CI**
[72] KIM, JUN SIC, KR
[72] LEE, GUN SUL, KR
[72] KIM, KI-YONG, KR
[72] KANG, YONG, KR
[72] SON, KI HWAN, KR
[73] GREEN CROSS HOLDINGS CORPORATION, KR
[85] 2014-04-11
[86] 2012-10-24 (PCT/KR2012/008755)
[87] (WO2013/062305)
[30] KR (10-2011-0110526) 2011-10-27

---

[11] **2,855,328**
[13] C
[51] **Int.Cl. E21B 43/26 (2006.01) E21B 33/10 (2006.01)**
[25] EN
[54] **IMPROVED RE-FRACTURING BOTTOM HOLE ASSEMBLY AND METHOD**
[54] **ENSEMBLE DE FOND DE TROU DE RE-FRACTURATION AMELIORE ET PROCEDE**
[72] FILYUKOV, RUSLAN V., US
[72] TINDALL, BRYAN J., US
[72] PARMER, DONALD G., US
[73] BAKER HUGHES INCORPORATED, US
[86] (2855328)
[87] (2855328)
[22] 2014-06-26
[30] US (14/010,055) 2013-08-26

---

[11] **2,855,408**
[13] C
[51] **Int.Cl. A41C 3/12 (2006.01) A41C 3/14 (2006.01) A41C 5/00 (2006.01) D06M 17/00 (2006.01)**
[25] EN
[54] **BRA CUP WITH MODESTY PANEL**
[54] **BONNET DE SOUTIEN-GORGE DOTE D'UN REVETEMENT DE FOND**
[72] ABBOTT, MICHAEL D., US
[72] WARREN, ROGER D., US
[72] KELLEY, RICHARD W., US
[72] LACKEY, DAVID, US
[73] HBI BRANDED APPAREL ENTERPRISES, LLC, US
[86] (2855408)
[87] (2855408)
[22] 2014-07-02
[30] US (13/943,501) 2013-07-16

---

[11] **2,856,351**
[13] C
[51] **Int.Cl. C12N 15/70 (2006.01) C07K 1/18 (2006.01) C12N 1/20 (2006.01) C12N 1/21 (2006.01) C12N 15/67 (2006.01)**
[25] EN
[54] **METHOD FOR HIGHLY EXPRESSING RECOMBINANT PROTEIN OF ENGINEERING BACTERIA AND USE THEREOF**
[54] **PROCEDE POUR L'EXPRESSION MASSIVE D'UNE PROTEINE RECOMBINANTE DE BACTERIES GENETIQUEMENT MODIFIEES ET UTILISATION ASSOCIEE**
[72] QIU, XIAOQING, CN
[73] PROTEIN DESIGN LAB, LTD., CN
[85] 2014-05-20
[86] 2012-11-23 (PCT/CN2012/085182)
[87] (WO2013/075660)
[30] CN (201110380864.7) 2011-11-25

---

[11] **2,858,680**
[13] C
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IMPROVING DATABASE PERFORMANCE**
[54] **SYSTEMES ET PROCEDES POUR AMELIORER LA PERFORMANCE D'UNE BASE DE DONNEES**
[72] GISLASON, EYJOLFUR, FO
[73] TELDURADGEVIN SP/F, FO
[85] 2014-06-09
[86] 2012-12-07 (PCT/EP2012/074823)
[87] (WO2013/083793)
[30] US (13/315,863) 2011-12-09

---

[11] **2,858,870**
[13] C
[51] **Int.Cl. H04N 5/232 (2006.01) H04W 88/02 (2009.01) G06T 1/00 (2006.01)**
[25] EN
[54] **MULTIPLE-ANGLE IMAGERY OF PHYSICAL OBJECTS**
[54] **IMAGERIE D'OBJETS PHYSIQUES SELON PLUSIEURS ANGLES**
[72] SKYBERG, ROLF, US
[73] EBAY INC., US
[85] 2014-06-10
[86] 2012-12-11 (PCT/US2012/068959)
[87] (WO2013/090270)
[30] US (13/325,855) 2011-12-14

[11] **2,859,366**
[13] C
[51] **Int.Cl. B05B 13/02 (2006.01) B05B 15/04 (2006.01) B25B 11/00 (2006.01)**
[25] EN
[54] **CARRIER SYSTEMS FOR COATING PANELS**
[54] **SYSTEMES DE SUPPORT POUR PANNEAUX DE REVETEMENT**
[72] LEWIS, MARK D., US
[72] ROBERTSON, WALTER J., US
[72] PARK, MARY, US
[72] GOODNOW, NATHAN, US
[72] SZUL, JOSEPH S., JR., US
[72] DEWEESE, JASON, US
[73] PPG INDUSTRIES OHIO, INC., US
[85] 2014-06-13
[86] 2012-12-12 (PCT/US2012/069157)
[87] (WO2013/090375)
[30] US (13/327,903) 2011-12-16

---

[11] **2,859,972**
[13] C
[51] **Int.Cl. E04F 13/10 (2006.01) E04F 13/072 (2006.01)**
[25] EN
[54] **OLD-FASHION CLAPBOARD-LIKE WOOD SIDING SYSTEM WITH VENTILATION GAPS**
[54] **SYSTEME DE PAREMENT EN BOIS DE TYPE CLIN A L'ANCIENNE AVEC ESPACES DE VENTILATION**
[72] HUSLER, BALTHASAR, CH
[73] C.B.H. INVESTMENT LTD., CA
[86] (2859972)
[87] (2859972)
[22] 2014-08-19
[30] US (61/872,010) 2013-08-30

---

[11] **2,864,339**
[13] C
[51] **Int.Cl. A01D 34/69 (2006.01) B62D 51/04 (2006.01)**
[25] EN
[54] **ALL WHEEL DRIVE, WALK BEHIND MOWER**
[54] **TONDEUSE POUSSEE A TRACTION INTEGRALE**
[72] HELGESEN, JOHN, US
[72] LENNINGS, ERIC, SE
[72] FANCHER, ROBERT, US
[72] LAMBERT, MATTHEW M., US
[73] HUSQVARNA AB, SE
[85] 2014-08-11
[86] 2012-02-13 (PCT/US2012/024853)
[87] (WO2013/122563)

---

[11] **2,867,000**
[13] C
[51] **Int.Cl. C01F 11/18 (2006.01) C09C 1/02 (2006.01) D21H 19/38 (2006.01)**
[25] EN
[54] **DISPERSED CALCIUM CARBONATE-CONTAINING MATERIAL FOR AN IMPROVED STABILITY UNDER ALKALINE CONDITIONS**
[54] **MATERIAU CONTENANT DU CARBONATE DE CALCIUM DISPERSE POUR AMELIORER LA STABILITE EN CONDITION ALCALINE**
[72] GANE, PATRICK A.C., CH
[72] GANTENBEIN, DANIEL, CH
[73] OMYA INTERNATIONAL AG, CH
[85] 2014-09-10
[86] 2013-03-26 (PCT/EP2013/056390)
[87] (WO2013/144137)
[30] EP (12162765.7) 2012-03-30
[30] US (61/618,883) 2012-04-02

---

[11] **2,867,350**
[13] C
[51] **Int.Cl. B24D 3/28 (2006.01) C09C 1/68 (2006.01) C09K 3/14 (2006.01)**
[25] EN
[54] **ABRASIVE PRODUCTS AND METHODS FOR FINISHING SURFACES**
[54] **PRODUITS ABRASIFS ET PROCEDES DE FINITION DE SURFACES**
[72] CAI, YING, US
[72] MANNING, JAMES J., US
[72] WANG, JIANNA, US
[73] SAINT-GOBAIN ABRASIVES, INC., US
[73] SAINT-GOBAIN ABRASIFS, FR
[85] 2014-09-12
[86] 2013-03-15 (PCT/US2013/032402)
[87] (WO2013/138765)
[30] US (61/611,881) 2012-03-16

---

[11] **2,867,727**
[13] C
[51] **Int.Cl. A01D 34/416 (2006.01)**
[25] EN
[54] **INTEGRATED STRING AND BLADE TRIMMER SYSTEM**
[54] **SYSTEME DE COUPE A LAME ET FIL INTEGRE**
[72] BANJO, DANIEL, US
[73] FRICTIONLESS WORLD LLC, US
[86] (2867727)
[87] (2867727)
[22] 2014-10-20
[30] US (61/893,665) 2013-10-21

---

[11] **2,868,618**
[13] C
[51] **Int.Cl. C12Q 1/70 (2006.01) C07H 21/00 (2006.01) C07H 21/02 (2006.01) C07H 21/04 (2006.01) C12Q 1/68 (2006.01) C12N 15/40 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR DETECTING WEST NILE VIRUS**
[54] **COMPOSITIONS ET METHODES DE DETECTION DU VIRUS DU NIL OCCIDENTAL**
[72] LINNEN, JEFFREY M., US
[72] POLLNER, REINHOLD B., US
[72] WU, WEN, US
[72] DENNIS, GEOFFREY G., US
[72] DARBY, PAUL M., US
[73] GEN-PROBE INCORPORATED, US
[86] (2868618)
[87] (2868618)
[22] 2003-10-16
[62] 2,501,946
[30] US (60/418,891) 2002-10-16
[30] US (60/429,006) 2002-11-25
[30] US (60/449,810) 2003-02-24

---

[11] **2,869,013**
[13] C
[51] **Int.Cl. E21B 43/12 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM TO VOLUMETRICALLY CONTROL ADDITIVE PUMP**
[54] **METHODE ET DISPOSITIF DE CONTROLE VOLUMETRIQUE DE POMPE D'ADDITIF**
[72] SANDIDGE, DUSTIN LEVI, US
[73] PCS FERGUSON INC., US
[86] (2869013)
[87] (2869013)
[22] 2014-10-28
[30] US (14/185,180) 2014-02-20

[11] **2,869,180**
[13] C
[51] **Int.Cl. H04W 52/02 (2009.01) H04W 4/00 (2009.01) H04W 12/02 (2009.01) H04W 80/06 (2009.01)**
[25] EN
[54] **CLOUD-ENABLED LOW POWER WI-FI SENSOR**
[54] **CAPTEUR WI-FI A FAIBLE PUISSANCE PRET POUR LE NUAGE**
[72] GONIA, PATRICK S., US
[72] LIU, HAIYANG, US
[72] LARSEN, CHRISTOPHER S., US
[72] JACOBSON, VINCENT C., US
[72] SCHMIT, THOMAS PAUL, US
[73] HONEYWELL INTERNATIONAL INC., US
[86] (2869180)
[87] (2869180)
[22] 2014-10-29
[30] US (14/086,217) 2013-11-21

---

[11] **2,869,556**
[13] C
[51] **Int.Cl. F03B 13/26 (2006.01)**
[25] EN
[54] **A MOORING DEVICE**
[54] **DISPOSITIF DE MOUILLAGE**
[72] MELTSOV, GENNADIY, GB
[72] WEST, DAVID, GB
[73] GREENSTICK ENERGY LIMITED, GB
[85] 2014-10-03
[86] 2013-03-28 (PCT/GB2013/050817)
[87] (WO2013/150276)
[30] GB (1206197.4) 2012-04-05

---

[11] **2,870,597**
[13] C
[51] **Int.Cl. G01S 15/00 (2006.01) G10K 11/34 (2006.01)**
[25] EN
[54] **ORIENTATION OF AN ULTRASONIC SIGNAL**
[54] **ORIENTATION DE SIGNAL ULTRASONORE**
[72] WULFF, THOMAS E., US
[72] CALVARESE, RUSSELL E., US
[72] LAVERY, RICHARD J., US
[73] SYMBOL TECHNOLOGIES, LLC, US
[85] 2014-10-15
[86] 2013-03-19 (PCT/US2013/032934)
[87] (WO2013/158326)
[30] US (13/452,369) 2012-04-20

---

[11] **2,870,749**
[13] C
[51] **Int.Cl. A61F 13/15 (2006.01) B65G 47/84 (2006.01)**
[25] EN
[54] **METHODS FOR TRANSFERRING DISCRETE ARTICLES**
[54] **PROCEDES DE TRANSFERT D'ARTICLES INDIVIDUELS**
[72] PAPSDORF, CLIFFORD THEODORE, US
[72] SCHNEIDER, UWE, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2014-10-15
[86] 2013-04-16 (PCT/US2013/036716)
[87] (WO2013/158598)
[30] US (13/447,531) 2012-04-16

---

[11] **2,870,851**
[13] C
[51] **Int.Cl. B60C 29/00 (2006.01) B60C 5/02 (2006.01)**
[25] EN
[54] **VALVE UNIT FOR INFLATING WHEELS**
[54] **SOUPAPE DE GONFLAGE DE ROUES**
[72] DEANESI, ALBERTO, IT
[73] DEANESI, ALBERTO, IT
[73] TEZZA, GABRIELE, IT
[85] 2014-10-17
[86] 2013-04-17 (PCT/IB2013/000719)
[87] (WO2013/156845)
[30] IT (VI2012A000092) 2012-04-20

---

[11] **2,870,897**
[13] C
[51] **Int.Cl. B65H 18/02 (2006.01)**
[25] EN
[54] **MANDREL CUPPING ASSEMBLY**
[54] **ENSEMBLE DE LOGEMENT EN GODETS DE BROCHE**
[72] MEYER, PETER DAVID, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2014-10-17
[86] 2013-04-17 (PCT/US2013/036916)
[87] (WO2013/158727)
[30] US (13/449,377) 2012-04-18

---

[11] **2,870,978**
[13] C
[51] **Int.Cl. A63H 33/04 (2006.01) A63H 33/08 (2006.01) A63H 33/14 (2006.01) B44C 3/12 (2006.01)**
[25] EN
[54] **MOSAIC STRUCTURE ASSEMBLY KIT**
[54] **NECESSAIRE D'ASSEMBLAGE DE STRUCTURE EN MOSAIQUE**
[72] KAY, STEVEN, CA
[73] KAY, STEVEN, CA
[86] (2870978)
[87] (2870978)
[22] 2014-11-14
[30] US (14/303,871) 2014-06-13

---

[11] **2,872,331**
[13] C
[51] **Int.Cl. B29C 31/00 (2006.01) B01D 45/16 (2006.01)**
[25] EN
[54] **VACUUM LOADER FOR CONVEYING POWDER**
[54] **CHARGEUR A VIDE POUR TRANSPORTER UNE POUDRE**
[72] MACGREGOR, ANTHONY, CA
[73] COLOURMATE INC., CA
[85] 2014-10-31
[86] 2013-08-13 (PCT/CA2013/050619)
[87] (WO2014/026281)
[30] US (61/682,955) 2012-08-14

---

[11] **2,873,728**
[13] C
[51] **Int.Cl. H04B 17/29 (2015.01)**
[25] EN
[54] **METHOD AND SYSTEM TO ANALYZE INTERFERENCE SUSCEPTIBILITY OF A RADIO RECEIVER DESIGN**
[54] **PROCEDE ET SYSTEME PERMETTANT D'ANALYSER UNE SENSIBILITE AU BROUILLAGE D'UNE CONCEPTION D'UN RECEPTEUR RADIO**
[72] VANPATTEN, JOHN H., US
[72] DAVIS, WILLIAM H., US
[73] RAYTHEON COMPANY, US
[85] 2014-11-14
[86] 2013-05-03 (PCT/US2013/039406)
[87] (WO2013/173086)
[30] US (13/475,248) 2012-05-18

[11] 2,874,159
[13] C
[51] Int.Cl. F16K 43/00 (2006.01) F16L 55/105 (2006.01)
[25] EN
[54] GATE VALVE ASSEMBLY FOR INSTALLATION IN PRESSURIZED PIPES
[54] ENSEMBLE ROBINET VANNE POUR INSTALLATION DANS DES TUYAUX SOUS PRESSION
[72] RIES, BRIAN J., US
[73] HYDRA-STOP LLC, US
[85] 2014-11-19
[86] 2013-05-31 (PCT/US2013/043666)
[87] (WO2013/181567)
[30] US (13/486,737) 2012-06-01

[11] 2,875,021
[13] C
[51] Int.Cl. E21B 10/43 (2006.01)
[25] EN
[54] ROTARY DRILL BIT AND METHOD FOR DESIGNING A ROTARY DRILL BIT FOR DIRECTIONAL AND HORIZONTAL DRILLING
[54] TREPAN ROTATIF ET PROCEDE DE CONCEPTION D'UN TREPAN ROTATIF POUR FORAGE DIRECTIONNEL ET HORIZONTAL
[72] CHEN, SHILIN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-11-27
[86] 2012-05-30 (PCT/US2012/039977)
[87] (WO2013/180702)

[11] 2,876,757
[13] C
[51] Int.Cl. F03D 1/00 (2006.01)
[25] EN
[54] DEVICE FOR HANDLING A WIND TURBINE ROTOR BLADE
[54] DISPOSITIF DE MANIPULATION D'UNE PALE DE ROTOR D'EOLIENNE
[72] LULKER, FRANK, DE
[72] BRENNER, ALBRECHT, DE
[73] WOBBEN PROPERTIES GMBH, DE
[85] 2014-12-15
[86] 2013-06-05 (PCT/EP2013/061566)
[87] (WO2014/005781)
[30] DE (10 2012 211 877.2) 2012-07-06

[11] 2,877,092
[13] C
[51] Int.Cl. B23B 27/06 (2006.01) B23B 27/16 (2006.01)
[25] EN
[54] THREADING CUTTING TOOL AND DOUBLE-SIDED INDEXABLE THREADING CUTTING INSERT THEREFOR
[54] OUTIL DE COUPE A FILETER ET PLAQUETTE DE COUPE A FILETER AMOVIBLE A DOUBLE FACE ASSOCIEE
[72] HECHT, GIL, IL
[72] CHEN, DANNY, IL
[73] ISCAR LTD., IL
[85] 2014-12-17
[86] 2013-05-30 (PCT/IL2013/050462)
[87] (WO2013/190540)
[30] US (13/527,316) 2012-06-19

[11] 2,877,701
[13] C
[51] Int.Cl. G01K 1/02 (2006.01) G01K 7/02 (2006.01) G01K 7/18 (2006.01)
[25] EN
[54] INDUSTRIAL PROCESS TEMPERATURE TRANSMITTER WITH SENSOR STRESS DIAGNOSTICS
[54] DISPOSITIF DE TRANSMISSION DE TEMPERATURE DE PROCESSUS INDUSTRIEL COMPRENANT DIAGNOSTIC DE CONTRAINTE DE CAPTEUR
[72] ELKE, ANTHONY MICHAEL, US
[73] ROSEMOUNT INC., US
[85] 2014-12-22
[86] 2013-06-04 (PCT/US2013/044144)
[87] (WO2014/003996)
[30] US (13/537,532) 2012-06-29

[11] 2,877,705
[13] C
[51] Int.Cl. C11D 1/66 (2006.01) C11D 1/92 (2006.01) C11D 3/04 (2006.01) C11D 3/20 (2006.01) C11D 3/30 (2006.01) C11D 3/50 (2006.01) C11D 11/00 (2006.01)
[25] EN
[54] LOW VOC HARD SURFACE CLEANING COMPOSITION
[54] COMPOSITION DE NETTOYAGE DE SURFACES DURES A FAIBLE TENEUR EN COV
[72] VOLONT, CEDRIC JOSEPH, BE
[72] CAMPBELL, WILLIAM TUCKER, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2014-12-22
[86] 2013-06-06 (PCT/US2013/044520)
[87] (WO2013/191919)
[30] US (61/663,005) 2012-06-22

[11] 2,877,771
[13] C
[51] Int.Cl. G01V 9/00 (2006.01) E21B 47/00 (2012.01)
[25] EN
[54] PERMEAMETER PROBE
[54] SONDE DE PERMEAMETRE
[72] BROWN, BROCK, US
[72] HAGER, RON, US
[72] WILLIAMS, GRANT J., US
[73] J.R. SIMPLOT COMPANY, US
[85] 2014-12-22
[86] 2013-06-19 (PCT/US2013/046660)
[87] (WO2014/039136)
[30] US (61/662,224) 2012-06-20

[11] 2,877,995
[13] C
[51] Int.Cl. B65D 85/04 (2006.01) B65D 83/00 (2006.01)
[25] EN
[54] INERTIA BRAKING PAYOUT DEVICE AND PACKAGE SYSTEM
[54] DISPOSITIF DISTRIBUTEUR A FREINAGE INERTIEL ET SYSTEME D'EMBALLAGE
[72] MEACHUM, BRIAN, US
[72] DUNAR, DANIEL D., US
[73] HONEYWELL INTERNATIONAL INC., US
[86] (2877995)
[87] (2877995)
[22] 2015-01-15
[30] US (61/928,545) 2014-01-17
[30] US (14/322,477) 2014-07-02

[11] **2,878,198**
[13] C
[51] **Int.Cl. E01B 7/22 (2006.01) E01B 9/28 (2006.01) E01B 9/68 (2006.01)**
[25] EN
[54] **DEVICE FOR FASTENING A RAIL TO A CARRIER**
[54] **DISPOSITIF DE FIXATION D'UN RAIL SUR UN SUPPORT**
[72] SACKLER, ROBERT, DE
[72] ROSSMANN, HANS-CHRISTIAN, DE
[73] RAIL.ONE GMBH, DE
[85] 2014-12-31
[86] 2013-06-10 (PCT/EP2013/061872)
[87] (WO2014/005796)
[30] DE (10 2012 013 286.7) 2012-07-05

---

[11] **2,878,783**
[13] C
[51] **Int.Cl. B01F 13/08 (2006.01) B01F 15/00 (2006.01) B01F 15/06 (2006.01)**
[25] EN
[54] **PACKAGE OF STEREOLITHOGRAPHY RESIN, MIXING DEVICE SUITED TO BE USED WITH SAID PACKAGE AND METHOD FOR MIXING A STEREOLITHOGRAPHY RESIN CONTAINED IN SAID PACKAGE**
[54] **ENSEMBLE DE RESINE DE STEREOLITHOGRAPHIE, DISPOSITIF DE MELANGE CONCU POUR ETRE UTILISE AVEC LEDIT ENSEMBLE, SYSTEME DE STEREOLITHOGRAPHIE ET PROCEDE POUR MELANGER UNE RESINE DE STEREOLITHOGRAPHIE CONTENUE DANS LEDIT ENSEMBLE**
[72] ZENERE, SERGIO, IT
[73] DWS S.R.L., IT
[85] 2015-01-09
[86] 2013-07-25 (PCT/IB2013/001626)
[87] (WO2014/020401)
[30] IT (VI2012A000188) 2012-07-30

---

[11] **2,879,614**
[13] C
[51] **Int.Cl. A01G 9/24 (2006.01) A01G 7/04 (2006.01) A01G 9/02 (2006.01) A01G 31/02 (2006.01)**
[25] EN
[54] **CONTINUOUS CULTIVATION SYSTEM FOR ORGANIC GINSENG USING MULTILEVEL CULTIVATION TABLES**
[54] **SYSTEME DE CULTURE CONTINUE DE GINSENG BIO AU MOYEN DE TABLES DE CULTURE A PLUSIEURS NIVEAUX**
[72] KWON, TAE RYONG, KR
[72] JANG, MYEONG HWAN, KR
[72] CHOI, JIN KOOK, KR
[72] AHN, DEOK JONG, KR
[72] JUNG, WON KWON, KR
[73] KYONGSANGBUK-DO AGRICHLTURAL TECHNOLOGY ADMINISTRATION, KR
[85] 2015-01-20
[86] 2013-09-16 (PCT/KR2013/008351)
[87] (WO2014/046433)
[30] KR (10-2012-0105150) 2012-09-21

---

[11] **2,879,632**
[13] C
[51] **Int.Cl. E21B 21/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD TO TEST A PROPERTY OF A FLUID**
[54] **APPAREIL ET PROCEDE POUR TESTER UNE PROPRIETE D'UN FLUIDE**
[72] NZEADIBE, KINGSLEY IHUEZE, US
[72] MATTHEWS, KENNETH HEIDT, III, US
[72] JAMISON, DALE EUGENE, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-01-19
[86] 2013-07-16 (PCT/US2013/050667)
[87] (WO2014/018310)
[30] US (13/557,570) 2012-07-25

---

[11] **2,879,909**
[13] C
[51] **Int.Cl. E21B 43/16 (2006.01) E21B 47/13 (2012.01) E21B 36/00 (2006.01) E21B 43/24 (2006.01) C09K 8/592 (2006.01)**
[25] EN
[54] **UTILIZATION OF MICROWAVE TECHNOLOGY IN ENHANCED OIL RECOVERY PROCESS FOR DEEP AND SHALLOW APPLICATIONS**
[54] **UTILISATION DE LA TECHNOLOGIE MICRO-ONDES DANS LE PROCESSUS DE RECUPERATION DE PETROLE AMELIOREE POUR LES APPLICATIONS EN PROFONDEUR ET EN SURFACE**
[72] AL-BURAIK, KHALED ABDULLAH, SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[85] 2015-01-07
[86] 2013-07-25 (PCT/US2013/051920)
[87] (WO2014/018696)
[30] US (61/675,422) 2012-07-25

---

[11] **2,880,455**
[13] C
[51] **Int.Cl. A61F 5/445 (2006.01) A61B 50/37 (2016.01)**
[25] EN
[54] **OSTOMY DISPOSAL DEVICE**
[54] **DISPOSITIF D'EVACUATION PAR STOMIE**
[72] DEBEL, SIMON, DK
[73] DEBEL, SIMON, DK
[85] 2015-01-29
[86] 2013-08-01 (PCT/EP2013/066153)
[87] (WO2014/020095)
[30] DK (PA 2012 00483) 2012-08-01
[30] DK (PA 2012 00552) 2012-09-07

[11] **2,881,616**
[13] C
[51] **Int.Cl. G03F 7/00 (2006.01)**
[25] EN
[54] **PHOTOSENSITIVE RESIN LAMINATE AND THERMAL PROCESSING OF THE SAME**
[54] **STRATIFIE DE RESINE PHOTOSENSIBLE ET SON TRAITEMENT THERMIQUE**
[72] RECCHIA, DAVID A., US
[72] BLAIR, JOSEPH H., US
[72] VEST, RYAN W., US
[73] MACDERMID PRINTING SOLUTIONS, LLC, US
[86] (2881616)
[87] (2881616)
[22] 2012-01-11
[62] 2,825,465
[30] US (13/030,810) 2011-02-18

[11] **2,884,191**
[13] C
[51] **Int.Cl. F16C 9/03 (2006.01) B63H 20/00 (2006.01) B63H 23/04 (2006.01)**
[25] EN
[54] **OUTBOARD MOTOR**
[54] **MOTEUR HORS-BORD**
[72] ISHIZAKA, KAZUHIRO, JP
[72] FUKUDA, YOSHIHIKO, JP
[72] TSUSAKA, HARUO, JP
[72] IKENO, TETSURO, JP
[72] TAJIMA, TOMOHARU, JP
[73] HONDA MOTOR CO., LTD., JP
[86] (2884191)
[87] (2884191)
[22] 2015-03-05
[30] JP (JP2014-043543) 2014-03-06

[11] **2,885,229**
[13] C
[51] **Int.Cl. G01N 21/84 (2006.01) G01J 3/50 (2006.01)**
[25] EN
[54] **MULTI-ANGULAR COLOR, OPACITY, PIGMENT CHARACTERIZATION AND TEXTURE ANALYSIS OF A PAINTED SURFACE VIA VISUAL AND/OR INSTRUMENTAL TECHNIQUES**
[54] **CARACTERISATION DE PIGMENT, OPACITE, COULEUR MULTI-ANGULAIRE ET ANALYSE DE TEXTURE D'UNE SURFACE PEINTE PAR L'INTERMEDIAIRE DE TECHNIQUES VISUELLES ET/OU INSTRUMENTALES**
[72] BEYMORE, PAUL MICHAEL, US
[72] PEREKSTA, JAMES, US
[73] PPG INDUSTRIES OHIO, INC., US
[85] 2015-03-16
[86] 2013-09-19 (PCT/US2013/060632)
[87] (WO2014/047296)
[30] US (61/702,959) 2012-09-19
[30] US (13/832,088) 2013-03-15

[11] **2,887,822**
[13] C
[51] **Int.Cl. A47L 5/24 (2006.01) A47L 5/28 (2006.01) A47L 9/22 (2006.01)**
[25] EN
[54] **A VACUUM CLEANING APPLIANCE**
[54] **UN APPAREIL DE NETTOYAGE PAR ASPIRATION**
[72] ROWNTREE, DAVID, GB
[73] BLACK & DECKER INC., US
[86] (2887822)
[87] (2887822)
[22] 2015-04-09
[30] EP (14164485.6) 2014-04-11

[11] **2,889,242**
[13] C
[51] **Int.Cl. E01C 5/00 (2006.01) E01C 11/22 (2006.01) E02B 3/14 (2006.01) E04C 1/00 (2006.01) E04C 2/38 (2006.01)**
[25] EN
[54] **CONNECTION SURFACE FOR A STRUCTURAL UNIT**
[54] **SURFACE DE RACCORDEMENT POUR UNE UNITE STRUCTURALE**
[72] RICCOBENE, THOMAS S., US
[72] MACDONALD, ROBERT A., US
[73] KEYSTONE RETAINING WALL SYSTEMS LLC, US
[85] 2015-04-22
[86] 2013-11-15 (PCT/US2013/070428)
[87] (WO2014/078738)
[30] US (61/727,472) 2012-11-16

[11] **2,889,267**
[13] C
[51] **Int.Cl. A61K 8/894 (2006.01) A61Q 5/02 (2006.01) A61Q 19/10 (2006.01)**
[25] EN
[54] **SHAMPOO COMPOSITION COMPRISING LOW VISCOSITY EMULSIFIED SILICONE POLYMERS**
[54] **COMPOSITION DE SHAMPOING COMPORTANT DES POLYMERES DE SILICONE EMULSIFIES A FAIBLE VISCOSITE**
[72] SNYDER, MICHAEL ALBERT, US
[72] JANSEN, JOSEPH HARRY, US
[72] WAGNER, ROLAND, DE
[72] WEAVER, MARTHA JANE, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-04-22
[86] 2014-06-26 (PCT/US2014/044329)
[87] (WO2015/002812)
[30] US (61/842,640) 2013-07-03
[30] US (14/039,886) 2013-09-27

[11] **2,889,501**
[13] C
[51] **Int.Cl. B29C 70/10 (2006.01) B29C 43/34 (2006.01) B29C 70/06 (2006.01) B32B 3/30 (2006.01) B32B 5/28 (2006.01) C08J 5/04 (2006.01)**
[25] EN
[54] **MOLDED PRODUCT HAVING HOLLOW STRUCTURE AND PROCESS FOR PRODUCING SAME**
[54] **CORPS MOULE POSSEDANT UNE STRUCTURE CREUSE, ET PROCEDE DE FABRICATION DE CELUI-CI**
[72] FUJIOKA, TAKASHI, JP
[72] TSUCHIYA, ATSUKI, JP
[73] TORAY INDUSTRIES, INC., JP
[85] 2015-04-24
[86] 2013-12-11 (PCT/JP2013/083149)
[87] (WO2014/103711)
[30] JP (2012-282879) 2012-12-26

---

[11] **2,891,115**
[13] C
[51] **Int.Cl. A61M 25/00 (2006.01)**
[25] EN
[54] **DRY TO THE TOUCH VAPOR HYDRATION SLEEVE**
[54] **MANCHON D'HYDRATATION A LA VAPEUR SEC AU TOUCHER**
[72] ROSTAMI, SHAMSEDIN, GB
[72] FITZPATRICK, JAMES J., IE
[72] CARTER, ENDA F., IE
[72] MURRAY, MICHAEL G., IE
[72] O'FLYNN, PADRAIG M., IE
[72] HENRY, JEROME A., IE
[72] MORAN, MARTIN T., IE
[72] FOLEY, ADAM J., IE
[73] HOLLISTER INCORPORATED, US
[85] 2015-05-08
[86] 2013-03-13 (PCT/US2013/030851)
[87] (WO2014/074141)
[30] US (61/725,282) 2012-11-12

---

[11] **2,891,117**
[13] C
[51] **Int.Cl. A61M 25/00 (2006.01) B65D 85/08 (2006.01)**
[25] EN
[54] **VAPOR HYDRATION OF MEDICAL DEVICE WITHIN PACKAGE**
[54] **HYDRATATION A LA VAPEUR D'UN DISPOSITIF MEDICAL DANS L'EMBALLAGE**
[72] GREYNOLDS, ROBERT A., US
[72] PASSALAQUA, JAMES J. (DECEASED), US
[72] SZOSTAK, ROBERT A., US
[73] HOLLISTER INCORPORATED, US
[85] 2015-05-08
[86] 2013-03-13 (PCT/US2013/030870)
[87] (WO2014/074142)
[30] US (61/725,294) 2012-11-12

---

[11] **2,895,950**
[13] C
[51] **Int.Cl. C10L 1/04 (2006.01) C10L 1/16 (2006.01)**
[25] EN
[54] **HYDROTREATED HYDROCARBON TAR, FUEL OIL COMPOSITION, AND PROCESS FOR MAKING IT**
[54] **GOUDRON D'HYDROCARBURES HYDROTRAITE, COMPOSITION DE FUEL, ET LEUR PROCEDE DE FABRICATION**
[72] BROWN, STEPHEN H., US
[72] DAVIS, STEPHEN MARK, US
[72] WANG, FRANK CHENG-YU, US
[72] YUNG, CATHLEEN, US
[73] EXXONMOBIL CHEMICALS PATENTS INC., US
[85] 2015-06-19
[86] 2013-11-20 (PCT/US2013/071034)
[87] (WO2014/105297)
[30] US (61/745,670) 2012-12-24

---

[11] **2,895,972**
[13] C
[51] **Int.Cl. C22C 38/04 (2006.01) C21D 8/02 (2006.01) C22C 38/02 (2006.01)**
[25] EN
[54] **HIGH-MANGANESE WEAR RESISTANT STEEL HAVING EXCELLENT WELDABILITY AND METHOD FOR MANUFACTURING SAME**
[54] **ACIER RESISTANT A L'USURE A TENEUR EN MANGANESE ELEVEE AYANT UNE EXCELLENTE SOUDABILITE ET SON PROCEDE DE FABRICATION**
[72] LEE, SOON-GI, KR
[72] SUH, IN-SHIK, KR
[72] PARK, IN-GYU, KR
[72] LEE, HONG-JU, KR
[73] POSCO, KR
[85] 2015-06-19
[86] 2012-12-28 (PCT/KR2012/011745)
[87] (WO2014/104441)
[30] KR (10-2012-0155559) 2012-12-27

---

[11] **2,896,704**
[13] C
[51] **Int.Cl. C03C 3/32 (2006.01) H01M 10/0562 (2010.01)**
[25] EN
[54] **SULFIDE SOLID ELECTROLYTE MATERIAL, LITHIUM SOLID BATTERY AND METHOD OF PREPARING SULFIDE SOLID ELECTROLYTE MATERIAL**
[54] **MATERIAU D'ELECTROLYTE SOLIDE A BASE DE SULFURE, ACCUMULATEUR AU LITHIUM SOLIDE ET PROCEDE DE PREPARATION DU MATERIAU D'ELECTROLYTE SOLIDE A BASE DE SULFURE**
[72] SUGIURA, KOICHI, JP
[72] HAMA, SHIGENORI, JP
[72] OHASHI, MIWAKO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[85] 2015-06-26
[86] 2013-12-18 (PCT/IB2013/002795)
[87] (WO2014/102580)
[30] JP (2012-284233) 2012-12-27

[11] **2,898,050**
[13] C
[51] **Int.Cl. D06F 37/00 (2006.01)**
[25] EN
[54] **WASHING MACHINE HAVING A MANUAL WASHING UNIT**
[54] **LESSIVEUSE COMPORTANT UN MODULE DE LAVAGE A LA MAIN**
[72] KIM, MIN HYUNG, KR
[72] WON, YONG KWON, KR
[72] KIM, JUN HO, KR
[72] KIM, HYEON CHEOL, KR
[72] EUN, SUNG YONG, KR
[72] JUNG, GOAN SU, KR
[72] SHIN, YOUNG SUN, KR
[72] SHIGERI, MITSUHIRO, JP
[72] KIM, HYUN MOOK, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2015-07-22
[86] 2015-01-27 (PCT/KR2015/000848)
[87] (WO2015/130015)
[30] KR (10-2014-0022198) 2014-02-25
[30] KR (10-2014-0027423) 2014-03-07
[30] KR (10-2015-0010520) 2015-01-22

---

[11] **2,898,532**
[13] C
[51] **Int.Cl. B60G 3/14 (2006.01) A61G 5/04 (2013.01) A61G 5/06 (2006.01) A61G 5/10 (2006.01) B60G 7/00 (2006.01)**
[25] EN
[54] **FRONT SUSPENSION SYSTEM FOR AN ELECTRIC WHEELCHAIR**
[54] **MECANISME DE SUSPENSION AVANT POUR UN FAUTEUIL ROULANT ELECTRIQUE**
[72] WU, DONALD P.H., TW
[73] ENERGY CONTROL LIMITED, VG
[86] (2898532)
[87] (2898532)
[22] 2015-07-27
[30] TW (103128564) 2014-08-20

---

[11] **2,898,685**
[13] C
[51] **Int.Cl. E04B 1/76 (2006.01)**
[25] EN
[54] **METHOD OF INSULATING A BUILDING**
[54] **PROCEDE D'ISOLATION D'UN BATIMENT**
[72] BEATTIE, RONALD PETER, GB
[73] BEATTIE PASSIVE GROUP PLC, GB
[85] 2015-07-20
[86] 2014-02-07 (PCT/GB2014/050367)
[87] (WO2014/122471)
[30] GB (1302324.7) 2013-02-11

---

[11] **2,901,952**
[13] C
[51] **Int.Cl. G09B 23/32 (2006.01) G09B 9/00 (2006.01)**
[25] EN
[54] **MANIPULATIVE TREATMENT TRAINING SYSTEM AND METHOD, AND MANNEQUIN THEREFOR**
[54] **SYSTEME ET METHODE DE FORMATION PORTANT SUR LES TRAITEMENTS DE MANIPULATION, ET MANNEQUIN ASSOCIE**
[72] TRIANO, JOHN J., CA
[72] STARMER, DAVID, CA
[72] GIULIANO, DOMINIC, CA
[72] TRAN, STEVE, CA
[73] CANADIAN MEMORIAL CHIROPRACTIC COLLEGE, CA
[85] 2015-08-31
[86] 2015-04-17 (PCT/CA2015/050324)
[87] (WO2015/161367)
[30] CA (2,849,224) 2014-04-22
[30] CA (2,869,514) 2014-10-29

---

[11] **2,907,138**
[13] C
[51] **Int.Cl. B25G 3/18 (2006.01) B25G 3/30 (2006.01) F16B 7/04 (2006.01)**
[25] EN
[54] **QUICK FIT ADJUSTMENT MECHANISM FOR EXTENSION POLE SYSTEM FOR PAINT ROLLER**
[54] **MECANISME DE REGLAGE A MONTAGE RAPIDE DESTINE A UN SYSTEME A MANCHE RALLONGE POUR ROULEAU A PEINDRE**
[72] LAMBERTSON, MICHAEL C., US
[72] FORMAN-HOUSE, RITA, US
[72] DE RENZO, DENNIS P., US
[72] O'BANION, MICHAEL, US
[73] THE SHERWIN-WILLIAMS COMPANY, US
[85] 2015-09-15
[86] 2014-03-13 (PCT/US2014/025465)
[87] (WO2014/151320)
[30] US (13/840,852) 2013-03-15

---

[11] **2,909,512**
[13] C
[51] **Int.Cl. C23C 16/27 (2006.01) C23C 16/515 (2006.01)**
[25] EN
[54] **CARBON-COATED MEMBER AND PRODUCTION METHOD THEREFOR**
[54] **ELEMENT RECOUVERT DE CARBONE ET PROCEDE DE FABRICATION DE CE DERNIER**
[72] KOBAYASHI, KOJI, JP
[72] KOJINA, KAORU, JP
[72] YOSHIMOTO, NOBUHIKO, JP
[72] FUNATSU, JUNYA, JP
[73] HONDA MOTOR CO., LTD., JP
[85] 2015-10-14
[86] 2014-05-30 (PCT/JP2014/064400)
[87] (WO2014/192916)
[30] JP (2013-116034) 2013-05-31

---

[11] **2,910,775**
[13] C
[51] **Int.Cl. B61L 29/22 (2006.01) B61L 1/18 (2006.01)**
[25] EN
[54] **VARIABLE FREQUENCY TRAIN DETECTION**
[54] **DETECTION DE TRAIN A FREQUENCE VARIABLE**
[72] HOGAN, BRIAN, US
[73] SIEMENS INDUSTRY, INC., US
[85] 2015-10-28
[86] 2014-04-15 (PCT/US2014/034080)
[87] (WO2014/179026)
[30] US (13/874,059) 2013-04-30

---

[11] **2,910,968**
[13] C
[51] **Int.Cl. B61D 15/06 (2006.01) B61D 17/06 (2006.01)**
[25] EN
[54] **RAIL VEHICLE WITH DEFORMATION ZONE**
[54] **VEHICULE FERROVIAIRE COMPRENANT UNE ZONE DE DEFORMATION**
[72] GRAF, RICHARD, AT
[72] HEINZL, PHILIPP, AT
[73] SIEMENS AG OSTERREICH, AT
[85] 2015-10-29
[86] 2014-05-27 (PCT/EP2014/060883)
[87] (WO2014/195177)
[30] AT (A452/2013) 2013-06-04

---

[11] **2,915,168**
[13] C
[51] **Int.Cl. C07K 16/00 (2006.01) C12N 5/0783 (2010.01) A61K 39/00 (2006.01) A61K 39/385 (2006.01) A61K 39/39 (2006.01) A61P 37/02 (2006.01) A61P 37/06 (2006.01) C07K 7/08 (2006.01) C07K 14/47 (2006.01) C12N 5/10 (2006.01) C12N 15/12 (2006.01)**
[25] EN
[54] **REGULATORY T CELL EPITOPES, COMPOSITIONS AND USES THEREOF**
[54] **EPITOPES DE LYMPHOCYTES T REGULATEURS, COMPOSITIONS ET UTILISATIONS DE CEUX-CI**
[72] DE GROOT, ANNE, US
[72] MARTIN, WILLIAM, US
[72] RIVERA, DAN, US
[73] EPIVAX, INC., US
[86] (2915168)
[87] (2915168)
[22] 2008-01-29
[62] 2,677,073
[30] US (60/898,347) 2007-01-30

---

[11] **2,919,638**
[13] C
[51] **Int.Cl. G01F 11/26 (2006.01)**
[25] EN
[54] **DISPENSER AND MEASURING CAP DEVICE AND METHOD**
[54] **DISPOSITIF FORMANT BOUCHON DE DISTRIBUTION ET DE DOSAGE ET PROCEDE**
[72] ISMAIL, MUHAMMAD SAMI, US
[73] ISMAIL, MUHAMMAD SAMI, US
[85] 2016-01-27
[86] 2014-03-20 (PCT/US2014/031287)
[87] (WO2015/023317)
[30] US (13/964,709) 2013-08-12
[30] US (14/220,290) 2014-03-20

---

[11] **2,920,125**
[13] C
[51] **Int.Cl. D21C 1/00 (2006.01) B01J 19/08 (2006.01) C12P 7/02 (2006.01) C12P 7/10 (2006.01) C12P 7/16 (2006.01) C12P 19/14 (2006.01) D21B 1/10 (2006.01)**
[25] EN
[54] **PROCESSING BIOMASS AND PETROLEUM CONTAINING MATERIALS**
[54] **TRAITEMENT DE LA BIOMASSE ET MATERIAUX CONTENANT DU PETROLE**
[72] MEDOFF, MARSHALL, US
[73] XYLECO, INC., US
[86] (2920125)
[87] (2920125)
[22] 2009-04-28
[62] 2,818,526
[30] US (61/049,406) 2008-04-30
[30] US (61/073,665) 2008-06-18
[30] US (12/417,699) 2009-04-03

---

[11] **2,920,126**
[13] C
[51] **Int.Cl. D21C 1/00 (2006.01) B01J 19/08 (2006.01) B09B 3/00 (2006.01)**
[25] EN
[54] **PROCESSING BIOMASS AND PETROLEUM CONTAINING MATERIALS**
[54] **TRAITEMENT DE LA BIOMASSE ET MATERIAUX CONTENANT DU PETROLE**
[72] MEDOFF, MARSHALL, US
[73] XYLECO, INC., US
[86] (2920126)
[87] (2920126)
[22] 2009-04-28
[62] 2,818,526
[30] US (61/049,406) 2008-04-30
[30] US (61/073,665) 2008-06-18
[30] US (12/417,699) 2009-04-03

[11] **2,920,134**
[13] C
[51] **Int.Cl. B01J 19/08 (2006.01) C12P 7/02 (2006.01) C12P 7/10 (2006.01) C12P 7/16 (2006.01) C12P 19/02 (2006.01) C12P 19/14 (2006.01) C13K 1/02 (2006.01) D21C 1/00 (2006.01)**
[25] EN
[54] **PROCESSING BIOMASS AND PETROLEUM CONTAINING MATERIALS**
[54] **TRAITEMENT DE LA BIOMASSE ET MATERIAUX CONTENANT DU PETROLE**
[72] MEDOFF, MARSHALL, US
[73] XYLECO, INC., US
[86] (2920134)
[87] (2920134)
[22] 2009-04-28
[62] 2,818,526
[30] US (61/049,406) 2008-04-30
[30] US (61/073,665) 2008-06-18
[30] US (12/417,699) 2009-04-03

---

[11] **2,920,137**
[13] C
[51] **Int.Cl. B01J 19/08 (2006.01) A23K 10/12 (2016.01) A23L 5/00 (2016.01) C10L 1/02 (2006.01) C12P 1/00 (2006.01) C12P 7/02 (2006.01) C12P 7/10 (2006.01) C12P 7/40 (2006.01) C12P 19/00 (2006.01) D21B 1/02 (2006.01) C08H 8/00 (2010.01) C08B 1/00 (2006.01) C08B 30/02 (2006.01)**
[25] EN
[54] **PROCESSING BIOMASS AND PETROLEUM CONTAINING MATERIALS**
[54] **TRAITEMENT DE LA BIOMASSE ET MATERIAUX CONTENANT DU PETROLE**
[72] MEDOFF, MARSHALL, US
[73] XYLECO, INC., US
[86] (2920137)
[87] (2920137)
[22] 2009-04-28
[62] 2,818,526
[30] US (61/049,406) 2008-04-30
[30] US (61/073,665) 2008-06-18
[30] US (12/417,699) 2009-04-03

---

[11] **2,920,141**
[13] C
[51] **Int.Cl. B01J 19/08 (2006.01) D21C 1/00 (2006.01)**
[25] EN
[54] **PROCESSING BIOMASS AND PETROLEUM CONTAINING MATERIALS**
[54] **TRAITEMENT DE LA BIOMASSE ET MATERIAUX CONTENANT DU PETROLE**
[72] MEDOFF, MARSHALL, US
[73] XYLECO, INC., US
[86] (2920141)
[87] (2920141)
[22] 2009-04-28
[62] 2,818,526
[30] US (61/049,406) 2008-04-30
[30] US (61/073,665) 2008-06-18
[30] US (12/417,699) 2009-04-03

---

[11] **2,920,146**
[13] C
[51] **Int.Cl. D21C 1/00 (2006.01) B01J 19/08 (2006.01)**
[25] EN
[54] **PROCESSING BIOMASS AND PETROLEUM CONTAINING MATERIALS**
[54] **TRAITEMENT DE LA BIOMASSE ET MATERIAUX CONTENANT DU PETROLE**
[72] MEDOFF, MARSHALL, US
[73] XYLECO, INC., US
[86] (2920146)
[87] (2920146)
[22] 2009-04-28
[62] 2,818,526
[30] US (61/049,406) 2008-04-30
[30] US (61/073,665) 2008-06-18
[30] US (12/417,699) 2009-04-03

---

[11] **2,920,151**
[13] C
[51] **Int.Cl. D21C 1/00 (2006.01) C08H 8/00 (2010.01) B01J 19/08 (2006.01) C08B 1/00 (2006.01)**
[25] EN
[54] **PROCESSING BIOMASS AND PETROLEUM CONTAINING MATERIALS**
[54] **TRAITEMENT DE LA BIOMASSE ET MATERIAUX CONTENANT DU PETROLE**
[72] MEDOFF, MARSHALL, US
[73] XYLECO, INC., US
[86] (2920151)
[87] (2920151)
[22] 2009-04-28
[62] 2,818,526
[30] US (61/049,406) 2008-04-30
[30] US (61/073,665) 2008-06-18
[30] US (12/417,699) 2009-04-03

---

[11] **2,923,619**
[13] C
[51] **Int.Cl. F16K 3/314 (2006.01) E21B 34/06 (2006.01) F16K 3/22 (2006.01)**
[25] EN
[54] **MODULAR STOP FOR VALVE**
[54] **BUTEE MODULAIRE DESTINEE A UNE VALVE**
[72] STANDBRIDGE, TONY CHARLES LEON, CA
[72] RABBY, PATRICK KENNETH, CA
[72] LENNER, GUY, CA
[73] HI-KALIBRE EQUIPMENT LIMITED, CA
[86] (2923619)
[87] (2923619)
[22] 2016-03-11
[30] US (62/138,865) 2015-03-26

---

[11] **2,924,285**
[13] C
[51] **Int.Cl. A01J 5/017 (2006.01) G06T 7/13 (2017.01)**
[25] EN
[54] **VISION SYSTEM FOR ROBOTIC ATTACHER**
[54] **SYSTEME DE VISION POUR ROBOT DE POSE**
[72] HOFMAN, HENK, NL
[72] DE RUIJTER, COR, NL
[72] KOEKOEK, MENNO, NL
[72] VAN DER SLUIS, PETER WILLEM, NL
[73] TECHNOLOGIES HOLDINGS CORP., US
[86] (2924285)
[87] (2924285)
[22] 2012-04-27
[62] 2,898,603
[30] US (13/095,994) 2011-04-28
[30] US (13/448,751) 2012-04-17
[30] US (13/448,799) 2012-04-17
[30] US (13/448,840) 2012-04-17
[30] US (13/448,873) 2012-04-17
[30] US (13/448,913) 2012-04-17

---

[11] **2,927,079**
[13] C
[51] **Int.Cl. C07D 239/48 (2006.01) A61K 31/505 (2006.01) A61P 35/02 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **SALT OF NITROGEN-CONTAINING HETEROCYCLIC COMPOUND OR CRYSTAL THEREOF, PHARMACEUTICAL COMPOSITION, AND FLT3 INHIBITOR**
[54] **SEL DE COMPOSE HETEROCYCLIQUE CONTENANT DE L'AZOTE OU CRISTAL DE CE DERNIER, COMPOSITION PHARMACEUTIQUE ET INHIBITEUR DE FLT3**
[72] MIZUMOTO, SHINSUKE, JP
[72] MATSUMOTO, TAKUYA, JP
[73] FUJIFILM CORPORATION, JP
[85] 2016-04-12
[86] 2014-10-15 (PCT/JP2014/077368)
[87] (WO2015/056683)
[30] JP (2013-215755) 2013-10-16

---

[11] **2,928,689**
[13] C
[51] **Int.Cl. A01J 5/00 (2006.01) A01J 5/01 (2006.01) B25J 9/18 (2006.01) B25J 19/04 (2006.01) H04N 7/18 (2006.01)**
[25] EN
[54] **ROBOTIC ATTACHER WITH CAMERA FOR DAIRY LIVESTOCK APPLICATIONS**
[54] **DISPOSITIF DE POSE ROBOTIQUE AVEC CAMERA POUR UTILISATIONS AVEC LE BETAIL LAITIER**
[72] HOFMAN, HENK, NL
[72] DE RUIJTER, COR, NL
[72] KOEKOEK, MENNO, NL
[72] VAN DER SLUIS, PETER WILLEM, NL
[73] TECHNOLOGIES HOLDINGS CORP., US
[86] (2928689)
[87] (2928689)
[22] 2012-04-27
[62] 2,913,433
[30] US (13/095,983) 2011-04-28
[30] US (13/448,993) 2012-04-17
[30] US (13/449,056) 2012-04-17
[30] US (13/448,951) 2012-04-17
[30] US (13/449,105) 2012-04-17
[30] US (13/449,142) 2012-04-17
[30] US (13/449,162) 2012-04-17
[30] US (13/449,173) 2012-04-17
[30] US (13/448,882) 2012-04-17

---

[11] **2,936,884**
[13] C
[51] **Int.Cl. C07F 9/50 (2006.01) C07F 9/54 (2006.01)**
[25] EN
[54] **STABILIZED FORM OF TETROFOSMIN AND ITS USE**
[54] **FORME STABILISEE DE TETROFOSMINE ET SON UTILISATION**
[72] SCHILLER, EIK, DE
[73] ROTOP PHARMAKA GMBH, DE
[85] 2016-07-14
[86] 2015-01-28 (PCT/EP2015/051699)
[87] (WO2015/114002)
[30] EP (14152885.1) 2014-01-28

---

[11] **2,937,072**
[13] C
[51] **Int.Cl. A61B 17/86 (2006.01) A61B 17/80 (2006.01)**
[25] EN
[54] **HIGHLY-VERSATILE VARIABLE-ANGLE BONE PLATE SYSTEM**
[54] **SYSTEME DE PLAQUE VISSEE A ANGLE VARIABLE HAUTEMENT POLYVALENT**
[72] CHAN, JASON S., US
[72] DELL'OCA, ALBERTO A. FERNANDEZ, UY
[73] DEPUY SYNTHES PRODUCTS, INC., US
[86] (2937072)
[87] (2937072)
[22] 2008-08-12
[62] 2,696,138
[30] US (60/955,506) 2007-08-13
[30] US (11/971,358) 2008-01-09

---

[11] **2,948,403**
[13] C
[51] **Int.Cl. B65G 1/16 (2006.01)**
[25] EN
[54] **STORAGE SYSTEM**
[54] **SYSTEME DE STOCKAGE**
[72] PARE, ANDRE, CA
[73] PARE, ANDRE, CA
[85] 2016-11-08
[86] 2016-02-17 (PCT/CA2016/000038)
[87] (WO2016/131123)
[30] GB (1502792.3) 2015-02-19

---

[11] **2,954,046**
[13] C
[51] **Int.Cl. C22B 23/02 (2006.01) C22B 5/10 (2006.01)**
[25] EN
[54] **METHOD FOR SMELTING NICKEL OXIDE ORE AND METHOD FOR CHARGING PELLETS**
[54] **PROCEDE PERMETTANT LA FUSION DE MINERAI D'OXYDE DE NICKEL ET PROCEDE POUR LE CHARGEMENT DE BOULETTES**
[72] TAKAHASHI, JUNICHI, JP
[72] INOUE, TAKU, JP
[72] OKADA, SHUUJI, JP
[73] SUMITOMO METAL MINING CO., LTD., JP
[85] 2016-12-30
[86] 2015-06-30 (PCT/JP2015/068854)
[87] (WO2016/013356)
[30] JP (2014-151976) 2014-07-25

# Canadian Applications Open to Public Inspection

May 7, 2017 to May 13, 2017

# Demandes canadiennes mises à la disponibilité du public

7 mai 2017 au 13 mai 2017

[21] **2,906,125**
[13] A1
[51] **Int.Cl. C23C 4/067 (2016.01) C23C 4/129 (2016.01) B23K 35/22 (2006.01)**
[25] EN
[54] **POLYCRYSTALLINE DIAMOND POWDER (PCD) RE TIPPING ROD COATED OR NON COATED FOR HARDENING OF SURFACES**
[54] **TIGE DE REBRASAGE A LA POUDRE DE DIAMANT POLYCRISTALLIN REVETUE OU NON REVETUE DESTINEE AU DURCISSEMENT DES SURFACES**
[72] POLLHAUS, HANS, CA
[71] POLLHAUS, HANS, CA
[22] 2015-11-12
[41] 2017-05-12

[21] **2,908,280**
[13] A1
[51] **Int.Cl. B02C 4/10 (2006.01)**
[25] EN
[54] **DRUM GRANULATOR MACHINE**
[54] **GRANULATEUR A TAMBOUR**
[72] OFNER, ROBERT, CA
[72] VEINBERG, LEONID, CA
[72] ARCHIBALD, CLAUDE, CA
[71] OFNER, ROBERT, CA
[22] 2015-11-10
[41] 2017-05-10

[21] **2,911,543**
[13] A1
[51] **Int.Cl. C08F 4/02 (2006.01) C08F 2/34 (2006.01) C08F 4/6592 (2006.01) C08F 210/16 (2006.01)**
[25] EN
[54] **PASSIVATED SUPPPORTS: CATALYST, PROCESS, PRODUCT**
[54] **SUPPORTS PASSIVES : CATALYSEUR, PROCEDE ET PRODUIT**
[72] MORRISON, DARRYL J., CA
[72] LAM, PATRICK, CA
[71] NOVA CHEMICALS CORPORATION, CA
[22] 2015-11-09
[41] 2017-05-09

[21] **2,911,616**
[13] A1
[51] **Int.Cl. B60F 3/00 (2006.01) B62K 13/00 (2006.01) B62K 17/00 (2006.01)**
[25] EN
[54] **AMPHIBIOUS BICYCLE**
[54] **BICYCLETTE AMPHIBIE**
[72] DJURICA, RADOSLAV, CA
[71] DJURICA, RADOSLAV, CA
[22] 2015-11-09
[41] 2017-05-09

[21] **2,911,622**
[13] A1
[51] **Int.Cl. H04L 12/715 (2013.01) H04L 12/751 (2013.01)**
[25] EN
[54] **DISTRIBUTED ROUTING CONTROL IN A VAST COMMUNICATION NETWORK**
[54] **COMMANDE DE ROUTAGE DISTRIBUE DANS UN VASTE RESEAU DE COMMUNICATION**
[72] BESHAI, MAGED E., CA
[71] BESHAI, MAGED E., CA
[22] 2015-11-09
[41] 2017-05-09
[30] US (14935460) 2015-11-09

[21] **2,911,680**
[13] A1
[51] **Int.Cl. E01B 31/00 (2006.01)**
[25] EN
[54] **FOREIGN MATTER REMOVING DEVICE FOR USE IN TURNOUT, AND METHOD FOR INSTALLING FOREIGN MATTER REMOVING DEVICE FOR USE IN TURNOUT**
[54] **DISPOSITIF D'ENLEVEMENT DE MATIERE ETRANGERE DESTINE A UN VIRAGE ET METHODE D'INSTALLATION DU DISPOSITIF D'ENLEVEMENT DE MATIERE ETRANGER DESTINE A UN VIRAGE**
[72] KIGAMI, SHOGO, JP
[72] KINUGASA, YUKI, JP
[72] SATO, KOJI, JP
[71] NABTESCO CORPORATION, JP
[22] 2015-11-09
[41] 2017-05-09

[21] **2,911,699**
[13] A1
[51] **Int.Cl. A61B 17/04 (2006.01) A61B 17/03 (2006.01)**
[25] EN
[54] **C-SPRING SUTURE FOR PRIMARY CLOSURE OF SURGICAL INCISIONS**
[54] **SUTURE A RESSORT EN C DESTINEE A UNE FERMETURE PRIMAIRE D'INCISIONS CHIRURGICALES**
[72] MCLORG, ANTHONY BARR, US
[71] DERMAL THERAPIES, LLC, US
[22] 2015-11-12
[41] 2017-05-12

[21] **2,911,702**
[13] A1
[51] **Int.Cl. G06Q 40/06 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD OF USING DERIVATIVES TO HEDGE THE DOWNSIDE AND PRINCIPALLY PROTECT FLOW-THROUGH SECURITIES TO PROVIDE AT LEAST A MINIMUM TAX-EFFICIENT RATE OF RETURN**
[54] **SYSTEME ET METHODE D'UTILISATION DE DERIVE VISANT A PROTEGER LE RALENTISSEMENT ET PRINCIPALEMENT PROTEGER LES TITRES ACCREDITIFS AFIN D'OFFRIR AU MOINS UN RENDEMENT FISCAL MINIMUM**
[72] O'NEIL, PAUL H., CA
[71] O'NEIL, PAUL H., CA
[22] 2015-11-12
[41] 2017-05-12

---

[21] **2,911,714**
[13] A1
[51] **Int.Cl. A61C 19/06 (2006.01) A61C 7/08 (2006.01)**
[25] EN
[54] **APPARATUS FOR USER HAVING TEETH**
[54] **APPAREIL DESTINE A UN UTILISATEUR AYANT DES DENTS**
[72] KHANGURA, GURMEET, CA
[71] KHANGURA, GURMEET, CA
[22] 2015-11-10
[41] 2017-05-10

---

[21] **2,911,723**
[13] A1
[51] **Int.Cl. A63B 69/00 (2006.01) A63B 37/00 (2006.01) A63B 43/00 (2006.01) A63B 67/14 (2006.01) A63B 71/06 (2006.01)**
[25] EN
[54] **WIRELESS HOCKEY PUCK SPEED DEVICE**
[54] **DISPOSITIF DE MESURE DE VITESSE DE RONDELLE DE HOCKEY SANS FIL**
[72] UNKNOWN, ZZ
[71] NAGLE, JESSY R., CA
[22] 2015-11-10
[41] 2017-05-10

---

[21] **2,911,725**
[13] A1
[51] **Int.Cl. E21B 34/06 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **FLUID CONTROL DEVICE AND FLUID CONTROL SYSTEM**
[54] **DISPOSITIF DE CONTROLE DE FLUX ET SYSTEME DE CONTROLE DE FLUX**
[72] CAO, XUEHONG, CN
[72] ZHENG, JINZHONG, CN
[72] DUAN, HUIZHU, CN
[72] ZHANG, JINBING, CN
[72] DENG, GUANGYAO, CN
[72] XU, ZHENGHUA, CN
[71] ANTON OILFIELD SERVICES (GROUP) LTD., CN
[22] 2015-11-10
[41] 2017-05-10

---

[21] **2,911,730**
[13] A1
[51] **Int.Cl. H04L 12/715 (2013.01) H04L 12/751 (2013.01)**
[25] EN
[54] **DISTRIBUTED DETERMINATION OF ROUTES IN A VAST COMMUNICATION NETWORK**
[54] **DETERMINATION DISTRIBUEE DE ROUTES DANS UN VASTE RESEAU DE COMMUNICATION**
[72] BESHAI, MAGED E., CA
[71] BESHAI, MAGED E., CA
[22] 2015-11-09
[41] 2017-05-09
[30] US (14935457) 2015-11-09

---

[21] **2,911,776**
[13] A1
[51] **Int.Cl. C10C 3/08 (2006.01) C10G 1/04 (2006.01)**
[25] EN
[54] **A SYSTEM FOR PROCESSING A BITUMEN-DERIVED STREAM WITHIN SECONDARY EXTRACTION**
[54] **UN SYSTEME DE TRAITEMENT DE FLUX DERIVE DU BITUME DANS UNE EXTRACTION SECONDAIRE**
[72] HEINISH, MARK KENT, CA
[72] CRYDERMAN, CHRISTOPHER RYAN, CA
[72] CLEYLE, PETER JOSEPH, ZZ
[71] SUNCOR ENERGY INC., CA
[22] 2015-11-09
[41] 2017-05-09

---

[21] **2,911,781**
[13] A1
[51] **Int.Cl. B61L 25/02 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR RAIL VEHICLE COUPLING DETERMINATION**
[54] **METHODE ET SYSTEME DE DETERMINATION DE RACCORD DE VEHICULE SUR RAIL**
[72] BARNES, SHARON ANN I., US
[72] BARNES, MARTY C., US
[72] ERNSDORFF, PAUL, US
[71] TRAPEZE SOFTWARE ULC, CA
[22] 2015-11-12
[41] 2017-05-12

---

[21] **2,911,782**
[13] A1
[51] **Int.Cl. C03C 17/28 (2006.01) A01K 37/00 (2006.01) A01K 45/00 (2006.01) A01M 29/00 (2011.01) B32B 17/10 (2006.01) B32B 33/00 (2006.01) C03C 14/00 (2006.01) C09K 11/06 (2006.01) E06B 3/00 (2006.01) E06B 3/02 (2006.01) E06B 3/66 (2006.01)**
[25] EN
[54] **BIRD COLLISION-AVERTING WINDOW PANES**
[54] **PANNEAUX VITRES EMPECHANT LA COLLISION DES OISEAUX**
[72] GARSVA, VILIUS, CA
[71] IMAGIC GLASS INC., CA
[22] 2015-11-12
[41] 2017-05-12

---

[21] **2,911,785**
[13] A1
[51] **Int.Cl. B60R 13/10 (2006.01)**
[25] EN
[54] **ELECTRIC CAR PLATE (ECP)**
[54] **PLAQUE D'IMMATRICULATION ELECTRIQUE**
[72] ZHANG, HANG, CA
[71] ZHANG, HANG, CA
[22] 2015-11-12
[41] 2017-05-12

[21] **2,911,825**
[13] A1
[51] **Int.Cl. F03B 3/14 (2006.01) F03D 1/06 (2006.01)**
[25] FR
[54] **SYNCHRONOUS OR ASYNCHRONOUS TURBINE RING WITH FIXED OR MOBILE VANE PROPELLER**
[54] **TURBINE ANNEAU SYNCHRONE OU ASYNCHRONE A HELICE A PALES FIXES OU MOBILES**
[72] DESSUREAULT, GABRIEL, CA
[71] DESSUREAULT, GABRIEL, CA
[22] 2015-11-12
[41] 2017-05-12

---

[21] **2,911,883**
[13] A1
[51] **Int.Cl. G01M 3/16 (2006.01) C23F 13/20 (2006.01) E04D 13/00 (2006.01) E04D 13/16 (2006.01)**
[25] EN
[54] **LEAK DETECTION IN ROOF MEMBRANES**
[54] **DETECTION DE FUITE DANS LES MEMBRANES DE TOIT**
[72] VOKEY, DAVID E., CA
[72] BRIDGES, MARK K., US
[71] DETEC SYSTEMS LTD., CA
[22] 2015-11-10
[41] 2017-05-10

---

[21] **2,911,898**
[13] A1
[51] **Int.Cl. A44C 13/00 (2006.01) A44C 5/00 (2006.01)**
[25] FR
[54] **MODULAR JEWELRY, ASSEMBLY METHOD, AND KIT**
[54] **BIJOU MODULAIRE, METHODE D'ASSEMBLAGE ET KIT**
[72] CHERCHIR, LINDA, CA
[71] CHECHEDOO INC., CA
[22] 2015-11-13
[41] 2017-05-13

---

[21] **2,911,903**
[13] A1
[51] **Int.Cl. A61K 8/02 (2006.01) A45D 44/22 (2006.01) A61Q 19/08 (2006.01)**
[25] EN
[54] **MIX'N MASK AT HOME FACE/FACIAL MASK MAKING KIT**
[54] **NECESSAIRE DE PREPARATION D'UN MASQUE FACIAL MAISON MIX'N' MASK**
[72] TAYLOR, SHEA E., CA
[71] TAYLOR, SHEA E., CA
[22] 2015-11-13
[41] 2017-05-13

---

[21] **2,911,905**
[13] A1
[51] **Int.Cl. G09F 9/30 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DIGITAL BILLBOARD ADVERSTISING**
[54] **SYSTEME ET METHODE DESTINES A LA PUBLICITE NUMERIQUE SUR PANNEAU-RECLAME**
[72] LENG-MARINI, ALISHA, CA
[72] BODNARIUC, FLORINEL, CA
[71] LENG-MARINI, ALISHA, CA
[71] BODNARIUC, FLORINEL, CA
[22] 2015-11-13
[41] 2017-05-13

---

[21] **2,911,916**
[13] A1
[51] **Int.Cl. F24H 9/00 (2006.01) F24H 1/18 (2006.01)**
[25] EN
[54] **WATER STRATIFICATION DRUM FOR WATER HEATER**
[54] **TAMBOUR DE STRATIFICATION D'EAU DESTINE A UN CHAUFFE-EAU**
[72] LESAGE, JEAN-CLAUDE, CA
[71] MICLAU-S.R.L. INC, CA
[22] 2015-11-11
[41] 2017-05-11

---

[21] **2,911,934**
[13] A1
[51] **Int.Cl. A47K 5/12 (2006.01) A47K 5/13 (2006.01) A47K 5/14 (2006.01) B05C 17/01 (2006.01) B67D 3/00 (2006.01)**
[25] EN
[54] **LEVER OPERATED FLUID DISPENSER WITH ROTARY POTENTIOMETER**
[54] **DISTRIBUTEUR DE LIQUIDE A LEVIER DOTE D'UN POTENTIOMETRE ROTATIF**
[72] OPHARDT, HEINER, CH
[72] POEPKE, HARALD, DE
[72] DUSKE, RAINER, DE
[72] KORTHAUER, SASCHA, DE
[71] OP-HYGIENE IP GMBH, CH
[22] 2015-11-13
[41] 2017-05-13

---

[21] **2,911,981**
[13] A1
[51] **Int.Cl. A01K 39/01 (2006.01)**
[25] EN
[54] **POLE MOUNTED BIRD FEEDING SYSTEM**
[54] **SYSTEME DE MANGEOIRE A OISEAUX INSTALLE SUR UN MONTANT**
[72] COTE, PAUL L., CA
[71] COTE, PAUL L., CA
[22] 2015-11-13
[41] 2017-05-13

---

[21] **2,912,002**
[13] A1
[51] **Int.Cl. H05B 6/64 (2006.01) H05B 6/68 (2006.01) H05B 6/74 (2006.01) H05B 6/78 (2006.01)**
[25] EN
[54] **MICROWAVE HEATING SYSTEM**
[54] **SYSTEME DE CHAUFFAGE PAR MICRO-ONDE**
[72] CHANG, HONG-I, TW
[72] CHIN, KUANG-TSE, TW
[72] YU, YA-CHUN, TW
[72] HSIEH, JUNG-KUEI, TW
[72] LIN, CHIEN-HUNG, TW
[71] BOTTLE-TOP DEVELOPMENT CO., TW
[22] 2015-11-12
[41] 2017-05-12

[21] **2,912,667**
[13] A1
[51] **Int.Cl. H01R 24/00 (2011.01) F21S 4/20 (2016.01) F21V 23/06 (2006.01) H01R 13/40 (2006.01) H01R 13/46 (2006.01)**
[25] EN
[54] **LINEAR LIGHT CONNECTOR**
[54] **CONNECTEUR D'ECLAIRAGE LINEAIRE**
[72] CAMAROTA, MICHAEL V., US
[71] ITC INCORPORATED, US
[22] 2015-11-18
[41] 2017-05-11
[30] US (14/937,991) 2015-11-11

---

[21] **2,912,916**
[13] A1
[51] **Int.Cl. A61C 7/36 (2006.01) A61C 19/06 (2006.01)**
[25] EN
[54] **TEETH SEPARATING SYSTEM**
[54] **DISPOSITIF DE SEPARATION DES DENTS**
[72] ZHAO, SHERRY, US
[71] ZHAO, SHERRY, US
[22] 2015-11-20
[41] 2017-05-09
[30] US (14/935,800) 2015-11-09

---

[21] **2,916,164**
[13] A1
[51] **Int.Cl. A41D 1/02 (2006.01) A41D 1/00 (2006.01)**
[25] EN
[54] **GARMENT HAVING ELASTICALLY DEFORMABLE ELEMENT**
[54] **VETEMENT COMPORTANT UN ELEMENT DEFORMABLE ELASTIQUEMENT**
[72] CUFFARO, JOSEPH, CA
[71] ELEVENTH FLOOR APPAREL LTD., CA
[22] 2015-12-22
[41] 2017-05-11
[30] US (62/253,967) 2015-11-11

---

[21] **2,920,178**
[13] A1
[51] **Int.Cl. A61B 5/11 (2006.01) A61B 5/02 (2006.01) A61B 5/083 (2006.01) A63B 71/06 (2006.01) G08B 21/18 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **FITNESS MONITORING DEVICE**
[54] **APPAREIL DE SURVEILLANCE DE LA CONDITION PHYSIQUE**
[72] PENIE, PRINCE, CA
[71] PENIE, PRINCE, CA
[22] 2016-02-05
[41] 2017-05-13
[30] US (14/941,242) 2015-11-13

---

[21] **2,922,175**
[13] A1
[51] **Int.Cl. H01R 4/66 (2006.01) H02G 3/04 (2006.01)**
[25] EN
[54] **FASTENING DEVICE**
[54] **DISPOSITIF DE FIXATION**
[72] HADJIHARALAMBOUS, ALEX, CA
[72] TLUCZYKONT, STEFAN, DE
[71] WIELAND ELECTRIC GMBH, DE
[22] 2016-03-01
[41] 2017-05-13
[30] DE (20 2015 106 155.2) 2015-11-13

---

[21] **2,923,907**
[13] A1
[51] **Int.Cl. G10D 13/02 (2006.01)**
[25] EN
[54] **SNARE ASSEMBLY FOR MUSICAL DRUM**
[54] **CAISSE CLAIRE POUR BATTERIE**
[72] BELLI, REMO D., US
[72] MAY, JAMES H., US
[72] WHITTINGTON, CHRISTOPHER J., US
[71] REMO, INC., US
[22] 2016-03-16
[41] 2017-05-10
[30] US (14/937,777) 2015-11-10

---

[21] **2,928,138**
[13] A1
[51] **Int.Cl. F24F 13/28 (2006.01) F24F 11/00 (2006.01)**
[25] EN
[54] **AIR FILTER USE INDICATORS**
[54] **INDICATEURS D'UTILISATION DE FILTRE A AIR**
[72] GREGERSON, GLEN OWEN, US
[72] ECHEVERRI, NICOLAS ANTONIO, US
[72] FOX, ANDREW ROBERT, US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[22] 2016-04-25
[41] 2017-05-10
[30] US (62/253,221) 2015-11-10

---

[21] **2,928,819**
[13] A1
[51] **Int.Cl. A61K 6/04 (2006.01)**
[25] EN
[54] **DENTAL RESTORATION MATERIAL HAVING IMPROVED ADHESIVE STRENGTH AND MANUFACTURING METHOD OF THE SAME**
[54] **MATERIAU DE RESTAURATION DENTAIRE A FORCE ADHESIVE AMELIOREE ET METHODE DE FABRICATION ASSOCIEE**
[72] LEE, CHANG TAEK, KR
[71] HONG, JUNE, CA
[71] LEE, CHANG TAEK, KR
[22] 2016-05-04
[41] 2017-05-13
[30] KR (10-2015-0159264) 2015-11-13

---

[21] **2,931,891**
[13] A1
[51] **Int.Cl. G01D 3/028 (2006.01) G01K 13/00 (2006.01) G01K 13/02 (2006.01)**
[25] EN
[54] **ESTIMATING SYSTEM PARAMETERS FROM SENSOR MEASUREMENTS**
[54] **ESTIMATION DE PARAMETRES DE SYSTEME DE MESURES DE CAPTEUR**
[72] PEDRAMI, REZA, CA
[72] MADANI, KAVEH MOEZZI, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2016-06-01
[41] 2017-05-10
[30] US (14/936,994) 2015-11-10

# Canadian Applications Open to Public Inspection
# May 7, 2017 to May 13, 2017

[21] **2,931,911**
[13] A1
[51] **Int.Cl. H02B 1/14 (2006.01)**
[25] EN
[54] **POWER PANEL SAFETY COVERS AND METHODS OF USE**
[54] **COUVERCLES DE SECURITE DE COFFRET DE BRANCHEMENT ET METHODES D'UTILISATION**
[72] GALM, JAMES M., US
[72] DEJANOVIC, MIJO, US
[72] BHANOO, MILIND, US
[71] LAYERZERO POWER SYSTEMS, INC., US
[22] 2016-06-03
[41] 2017-05-10
[30] US (62/253,255) 2015-11-10

---

[21] **2,932,305**
[13] A1
[51] **Int.Cl. E06C 1/22 (2006.01) E06C 1/30 (2006.01) E06C 1/38 (2006.01)**
[25] EN
[54] **STEPLADDER ADAPTED FOR USE AS A SINGLE LADDER OR AN EXTENSION LADDER**
[54] **ESCABEAU ADAPTE POUR ETRE UTILISE COMME ECHELLE OU COMME RALLONGE D'ECHELLE**
[72] TAMEZ REYES, FRANCISCO JAVIER, US
[71] LOUISVILLE LADDER INC., US
[22] 2016-06-06
[41] 2017-05-09
[30] US (14/935,637) 2015-11-09

---

[21] **2,933,735**
[13] A1
[51] **Int.Cl. A01C 11/02 (2006.01)**
[25] EN
[54] **AUTOMATED PLANTER FOR PLANTING SEEDLINGS IN OBSTACLE-STREWN AND/OR UNEVEN TERRAIN**
[54] **PLANTEUSE AUTOMATISEE SERVANT A PLANTER DES PLANTULES EN TERRAIN ACCIDENTE OU INEGAL**
[72] VAN HORLICK, TIMOTHY C., CA
[71] TIM C. VAN HORLICK FORESTRY INC., CA
[22] 2016-06-20
[41] 2017-05-09

---

[21] **2,936,598**
[13] A1
[51] **Int.Cl. A23P 30/00 (2016.01) A23L 11/00 (2016.01) A23J 3/14 (2006.01) A23J 3/16 (2006.01)**
[25] EN
[54] **AN AUTOMATIC BEANCURD SHEET MAKING MACHINE PROVIDED WITH COOLING GROOVES**
[54] **UNE MACHINE DE FABRICATION AUTOMATIQUE DE PLAQUE DE CAILLE DE SOJA COMPORTANT DES RAINURES DE REFROIDISSEMENT**
[72] LAU, SIU FAI, CN
[71] FULLY PLUS ENTERPRISE LIMITED, CN
[22] 2016-07-20
[41] 2017-05-13
[30] CN (201510785378.1) 2015-11-13

---

[21] **2,937,126**
[13] A1
[51] **Int.Cl. A45D 29/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR FORMING AN IMAGE**
[54] **METHODE ET APPAREIL DE FORMATION D'UNE IMAGE**
[72] DUXBURY, DEBRAH G., CA
[72] DUXBURY, NIGEL, CA
[71] DUXBURY, DEBRAH G., CA
[71] DUXBURY, NIGEL, CA
[22] 2016-07-26
[41] 2017-05-13
[30] US (62255304) 2015-11-13

---

[21] **2,939,456**
[13] A1
[51] **Int.Cl. A61K 31/365 (2006.01) A61K 36/062 (2006.01) A61K 36/899 (2006.01) A61P 3/08 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **COMPOSITION FOR REGULATING BLOOD SUGAR**
[54] **COMPOSITION DESTINEE A LA REGULATION DU GLUCOSE SANGUIN**
[72] PAN, TZU-MING, TW
[72] LEE, CHUN-LIN, TW
[72] HSU, YA-WEN, TW
[71] SUNWAY BIOTECH CO., LTD., TW
[22] 2016-08-19
[41] 2017-05-13
[30] TW (TW 104137535) 2015-11-13

---

[21] **2,940,365**
[13] A1
[51] **Int.Cl. F02M 37/04 (2006.01) F02B 63/04 (2006.01) F02D 29/06 (2006.01)**
[25] EN
[54] **FUEL SYSTEM IMPROVEMENTS WITH HIGH PRESSURE PUMP FOR WELDER GENERATORS**
[54] **AMELIORATIONS DE DISPOSITIF DE CARBURANT A POMPE HAUTE PRESSION DESTINEES AUX GENERATEURS DE SOUDAGE**
[72] JOCHMAN, NATHAN JOE, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2016-08-26
[41] 2017-05-10
[30] US (14/937,121) 2015-11-10

---

[21] **2,940,480**
[13] A1
[51] **Int.Cl. A62B 33/00 (2006.01) B64C 13/40 (2006.01) B64D 1/16 (2006.01) B64D 47/02 (2006.01) B64D 47/06 (2006.01) C09B 62/00 (2006.01) C09B 67/02 (2006.01) C10M 171/00 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD, AND APPARATUS FOR DYE IN SEARCH, RESCUE, AND RECOVERY**
[54] **SYSTEME, METHODE ET APPAREIL DE COLORATION POUR LA RECHERCHE, LE SAUVETAGE ET LA RECUPERATION**
[72] VAN HASSEL, BART A., US
[71] GOODRICH CORPORATION, US
[22] 2016-08-26
[41] 2017-05-12
[30] US (14/939,485) 2015-11-12

[21] **2,940,483**
[13] A1
[51] **Int.Cl. B64D 25/14 (2006.01) F16K 31/44 (2006.01)**
[25] EN
[54] **MECHANICALLY-ACTIVATED INFLATION VALVE ACTUATION APPARATUS**
[54] **APPAREILLAGE D'ACTIONNEMENT DE VALVE DE GONFLAGE ACTIVE MECANIQUEMENT**
[72] BAGLINI, JAMES, JR., US
[71] GOODRICH CORPORATION, US
[22] 2016-08-26
[41] 2017-05-10
[30] US (14/937,451) 2015-11-10

---

[21] **2,940,744**
[13] A1
[51] **Int.Cl. H05B 37/02 (2006.01) H05B 39/04 (2006.01) H05B 41/36 (2006.01)**
[25] EN
[54] **DIMMER CONTROL AND LIGHTING SYSTEM INCLUDING THE SAME**
[54] **COMMANDE DE GRADATEUR ET APPAREIL D'ECLAIRAGE EQUIPE DE LADITE COMMANDE**
[72] NEUNDORFER, OSCAR LEWIS, US
[72] WESTBROOK, DAVID ALLEN, US
[71] EATON CORPORATION, US
[22] 2016-08-31
[41] 2017-05-12
[30] US (14/938,982) 2015-11-12

---

[21] **2,941,056**
[13] A1
[51] **Int.Cl. B29C 70/44 (2006.01) A47G 9/02 (2006.01) B29C 35/02 (2006.01) H05B 6/10 (2006.01)**
[25] EN
[54] **HIGHLY FORMABLE SMART SUSCEPTOR BLANKETS**
[54] **COUVERTURES DE SUSCEPTEUR INTELLIGENT TRES SOUPLES**
[72] MILLER, ROBERT J., US
[72] SPALDING, JOHN F., JR., US
[72] RAWLINGS, DIANE C., US
[72] STORVICK, DARRELL M., US
[72] HOTTES, CHRISTOPHER J., US
[71] THE BOEING COMPANY, US
[22] 2016-09-06
[41] 2017-05-10
[30] US (14/937511) 2015-11-10

---

[21] **2,941,057**
[13] A1
[51] **Int.Cl. B64D 13/00 (2006.01) B64D 13/06 (2006.01)**
[25] EN
[54] **ENHANCED WATER CAPTURE SYSTEMS FOR AIRCRAFT INTERIORS**
[54] **SYSTEMES DE CAPTURE D'EAU AMELIORES DESTINES A L'INTERIEUR D'AERONEF**
[72] HITCHCOCK, CORY M., US
[71] THE BOEING COMPANY, US
[22] 2016-09-06
[41] 2017-05-09
[30] US (14/935633) 2015-11-09

---

[21] **2,941,062**
[13] A1
[51] **Int.Cl. B64G 1/10 (2006.01) B64G 1/24 (2006.01)**
[25] EN
[54] **ENERGY EFFICIENT SATELLITE MANEUVERING**
[54] **MANOEUVRE DE SATELLITE A EFFICACITE ENERGETIQUE**
[72] LUI, TIMOTHY S., US
[72] LEE, KANGSIK, US
[71] THE BOEING COMPANY, US
[22] 2016-09-06
[41] 2017-05-13
[30] US (14/940811) 2015-11-13

---

[21] **2,941,075**
[13] A1
[51] **Int.Cl. A61F 7/08 (2006.01) A47G 9/02 (2006.01) H05B 6/10 (2006.01)**
[25] EN
[54] **WOVEN SMART SUSCEPTOR HEAT BLANKETS**
[54] **COUVERTURES THERMIQUES DE SUSCEPTEUR INTELLIGENT TISSE**
[72] MILLER, ROBERT J., US
[72] HOTTES, CHRISTOPHER J., US
[71] THE BOEING COMPANY, US
[22] 2016-09-06
[41] 2017-05-10
[30] US (14/937472) 2015-11-10

---

[21] **2,941,142**
[13] A1
[51] **Int.Cl. G09F 19/12 (2006.01) F21K 9/00 (2016.01) F21K 9/90 (2016.01) B64D 11/00 (2006.01) F21V 9/00 (2015.01) F21V 17/00 (2006.01) F21V 99/00 (2006.01) H05B 37/02 (2006.01) H05K 1/02 (2006.01)**
[25] EN
[54] **EMBEDDED LIGHTING FEATURES FOR LIGHTING PANELS**
[54] **APPAREILS D'ECLAIRAGE INTEGRES DESTINES A DES PANNEAUX D'ECLAIRAGE**
[72] DUCE, JEFF, US
[72] SCHALLA, JAMES, US
[72] HOUSE, ASHLEY, US
[72] TURNER, JASON, US
[71] THE BOEING COMPANY, US
[22] 2016-09-06
[41] 2017-05-13
[30] US (14/940,241) 2015-11-13

---

[21] **2,941,279**
[13] A1
[51] **Int.Cl. B64D 11/00 (2006.01) B64D 11/06 (2006.01)**
[25] EN
[54] **SEAT WIRELESS CHARGER**
[54] **CHARGEUR SANS FIL POUR SIEGE**
[72] KUCZEK, ANDRZEJ ERNEST, US
[72] ST. ROCK, BRIAN, US
[71] AMI INDUSTRIES, INC., US
[22] 2016-09-06
[41] 2017-05-12
[30] US (14/939,869) 2015-11-12

---

[21] **2,941,621**
[13] A1
[51] **Int.Cl. G01N 29/14 (2006.01) G01F 1/66 (2006.01)**
[25] EN
[54] **ULTRASONIC SYSTEM FOR NONDESTRUCTIVE TESTING**
[54] **SYSTEME ULTRASONIQUE DESTINE A DES ESSAIS NON DESTRUCTIFS**
[72] PONOMAREV, SERGEY G., US
[72] COOPER, WAYNE, US
[72] LEWIS, DENNIS M., US
[71] THE BOEING COMPANY, US
[22] 2016-09-09
[41] 2017-05-13
[30] US (14/941,203) 2015-11-13

[21] **2,942,249**
[13] A1
[51] **Int.Cl. A01D 34/38 (2006.01) A01D 34/02 (2006.01)**
[25] EN
[54] **DUAL SICKLE KNIFE DRIVE**
[54] **ENTRAINEMENT DE COUTEAU DE FAUCILLE DOUBLE**
[72] DUNN, JAMES T., CA
[72] LEVERICK, GRAHAM M., CA
[72] WILLER, LANCE T., CA
[71] MACDON INDUSTRIES LTD., CA
[22] 2016-09-19
[41] 2017-05-10
[30] US (14936907) 2015-11-10

---

[21] **2,942,250**
[13] A1
[51] **Int.Cl. A01D 34/13 (2006.01) A01D 34/04 (2006.01) A01D 34/18 (2006.01)**
[25] EN
[54] **HALTING THE SICKLE BAR OF A SICKLE CUTTING APPARATUS AT A PREDETERMINED POSITION**
[54] **ARRET D'UNE BARRE DE FAUCILLE D'UN APPAREIL DE COUPE A FAUCILLE A UNE POSITION PREDETERMINEE**
[72] DUNN, JAMES T., CA
[72] SHEARER, BRUCE R., CA
[71] MACDON INDUSTRIES LTD., CA
[22] 2016-09-19
[41] 2017-05-10
[30] US (14937180) 2015-11-10

---

[21] **2,943,685**
[13] A1
[51] **Int.Cl. A01J 25/00 (2006.01) A23C 19/00 (2006.01)**
[25] EN
[54] **A METHOD AND A DEVICE FOR THE HANDLING OF CHEESE BLOCKS**
[54] **UNE METHODE ET UN DISPOSITIF DE MANIPULATION DE BLOCS DE FROMAGE**
[72] GRUNINGER, SIEGFRIED, CH
[71] KALT MASCHINENBAU AG, CH
[22] 2016-09-28
[41] 2017-05-13
[30] CH (01653/15) 2015-11-13

---

[21] **2,943,931**
[13] A1
[51] **Int.Cl. B66D 1/28 (2006.01) B60P 1/00 (2006.01) B60P 1/64 (2006.01)**
[25] EN
[54] **CABLE ADAPTER AND METHOD**
[54] **ADAPTATEUR DE CABLE ET METHODE**
[72] DAVIS, WAYNE HARRY, US
[71] OMAHA STANDARD, LLC, US
[22] 2016-09-30
[41] 2017-05-13
[30] US (14/940,451) 2015-11-13

---

[21] **2,943,972**
[13] A1
[51] **Int.Cl. H01B 19/00 (2006.01) H01B 3/30 (2006.01) H01B 17/62 (2006.01)**
[25] EN
[54] **ELECTRICAL INSULATOR APPARATUS AND METHOD OF MANUFACTURING THE SAME**
[54] **APPAREIL D'ISOLEMENT ELECTRIQUE ET METHODE DE FABRICATION ASSOCIEE**
[72] WILLIAMS, MICHAEL L., US
[72] GRENEIR, GARY C., US
[72] CLEMENT, CHARLES J., US
[71] MARMON UTILITY, LLC, US
[22] 2016-09-30
[41] 2017-05-09
[30] US (14/936,147) 2015-11-09

---

[21] **2,943,997**
[13] A1
[51] **Int.Cl. B65H 51/00 (2006.01) H01R 43/048 (2006.01)**
[25] EN
[54] **A CONDUCTOR TRANSPORTATION DEVICE, IN PARTICULAR FOR CABLES TO BE PROCESSED IN CABLE-PROCESSING MACHINES**
[54] **UN DISPOSITIF DE TRANSPORT DE CONDUCTEURS, NOTAMMENT DESTINE AUX CABLES A TRAITER DANS LES MACHINES DE TRAITEMENT DE CABLE**
[72] MAZUR, MICHAEL, DE
[72] SCHAFER, BENJAMIN, DE
[71] SCHLEUNIGER HOLDING AG, CH
[22] 2016-10-04
[41] 2017-05-08
[30] EP (15193568.1) 2015-11-08

---

[21] **2,945,265**
[13] A1
[51] **Int.Cl. F02C 7/36 (2006.01) F02C 7/06 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE WITH HIGH SPEED LOW PRESSURE TURBINE SECTION**
[54] **UN MOTEUR DE TURBINE A GAZ DOTE D'UNE SECTION DE TURBINE BASSE PRESSION HAUTE VITESSE**
[72] SUCIU, GABRIEL L., US
[72] SCHWARZ, FREDERICK M., US
[72] ACKERMANN, WILLIAM K., US
[72] KUPRATIS, DANIEL BERNARD, US
[71] UNITED TECHNOLOGIES CORPORATION, US
[22] 2016-10-12
[41] 2017-05-09
[30] US (14/935,539) 2015-11-09

---

[21] **2,945,348**
[13] A1
[51] **Int.Cl. D04B 3/00 (2006.01)**
[25] EN
[54] **MANUAL KNITTING DEVICE**
[54] **MACHINE A TRICOTER MANUELLE**
[72] TODOKORO, SHINJI, JP
[71] AGATSUMA CO., LTD., JP
[22] 2016-10-13
[41] 2017-05-10
[30] JP (2015-220130) 2015-11-10
[30] JP (2016-113197) 2016-06-07

[21] **2,945,458**
[13] A1
[51] **Int.Cl. G06F 17/27 (2006.01) G06F 21/46 (2013.01)**
[25] EN
[54] **CONSTRAINT EXTRACTION FROM NATURAL LANGUAGE TEXT FOR TEST DATA GENERATION**
[54] **EXTRACTION DE CONTRAINTES DE TEXTE EN LANGAGE NATUREL DESTINE A LA GENERATION DE DONNEES DE TEST**
[72] MISRA, JANARDAN, IN
[72] SAVAGAONKAR, MILIND, IN
[72] DUBASH, NEVILLE, IN
[72] PODDER, SANJAY, IN
[72] WADDAR, SACHIN HANUMANTAPPA, IN
[71] ACCENTURE GLOBAL SOLUTIONS LIMITED, GB
[22] 2016-10-17
[41] 2017-05-10
[30] IN (6071/CHE/2015) 2015-11-10
[30] US (14/990,051) 2016-01-07

---

[21] **2,945,513**
[13] A1
[51] **Int.Cl. E21B 43/38 (2006.01)**
[25] EN
[54] **DOWNHOLE GAS SEPARATORS AND METHODS OF SEPARATING A GAS FROM A LIQUID WITHIN A HYDROCARBON WELL**
[54] **SEPARATEURS DE GAZ DE FOND DE TROU ET METHODES DE SEPARATION DU GAZ D'UN LIQUIDE A L'INTERIEUR D'UN PUITS D'HYDROCARBURE**
[72] WANG, JASON Y., US
[72] TROSHKO, ANDREY A., US
[72] BUECHLER, SCOTT R., US
[72] ROMER, MICHAEL C., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[22] 2016-10-17
[41] 2017-05-12
[30] US (62/254,355) 2015-11-12

---

[21] **2,945,517**
[13] A1
[51] **Int.Cl. A43B 7/34 (2006.01) A43B 9/02 (2006.01)**
[25] EN
[54] **FOOTWEAR WITH ZONED INSULATION**
[54] **CHAUSSURE EQUIPEE D'UN ISOLANT LOCALISE**
[72] RIDDLE, MICHAEL THOMAS, US
[72] FORT, BRIAN CHARLES, US
[72] SIRCY, ANDREW DONOVAN, US
[72] THOMAS, COLTON LEE, US
[71] CABELA'S INCORPORATED, US
[22] 2016-10-17
[41] 2017-05-11
[30] US (14/938,328) 2015-11-11

---

[21] **2,945,733**
[13] A1
[51] **Int.Cl. B23K 35/22 (2006.01) B23K 35/24 (2006.01) B23K 35/36 (2006.01)**
[25] EN
[54] **FLUX-CORED WIRE FOR CARBON DIOXIDE GAS SHIELDED ARC WELDING**
[54] **FIL FOURRE DESTINE AU SOUDAGE A L'ARC SOUS PROTECTION AU DIOXYDE DE CARBONE**
[72] SASAKI, KIYOHITO, JP
[72] TOTSUKA, YASUHITO, JP
[72] TORIYABE, MASAAKI, JP
[72] TAKAYAMA, RIKIYA, JP
[71] NIPPON STEEL & SUMIKIN WELDING CO., LTD., JP
[22] 2016-10-18
[41] 2017-05-11
[30] JP (JP 2015-220945) 2015-11-11

---

[21] **2,945,969**
[13] A1
[51] **Int.Cl. E04H 12/00 (2006.01) E04H 12/02 (2006.01) E04H 12/08 (2006.01)**
[25] EN
[54] **SCREWTHREADED POLE**
[54] **TUYAU FILETE**
[72] COTE, PAUL L., CA
[71] COTE, PAUL L., CA
[22] 2016-10-20
[41] 2017-05-13
[30] CA (2,911,981) 2015-11-13

---

[21] **2,946,286**
[13] A1
[51] **Int.Cl. C09J 7/02 (2006.01) B65H 21/00 (2006.01)**
[25] EN
[54] **ADHESIVE TAPE AND ITS USE**
[54] **RUBAN ADHESIF ET SON UTILISATION**
[72] BLOMKER, TOBIAS, DE
[72] CZERWONATIS, NIELS, DE
[72] GOTZ, KERSTIN, DE
[72] SCHWARZBACH, JULIA, DE
[71] TESA SE, DE
[22] 2016-10-25
[41] 2017-05-12
[30] DE (10 2015 222 282.9) 2015-11-12

---

[21] **2,946,496**
[13] A1
[51] **Int.Cl. E04F 15/18 (2006.01) E04F 15/02 (2006.01) E04F 15/22 (2006.01) E04G 21/00 (2006.01)**
[25] EN
[54] **SUPPORT PLATE SYSTEM FOR ELEVATED FLOORING TILES**
[54] **DISPOSITIF DE PLAQUE D'APPUI DESTINE A DES CARREAUX A PLANCHER SURELEVES**
[72] KUGLER, WILLIAM E., US
[72] KNIGHT, STEPHEN J., III, US
[71] UNITED CONSTRUCTION PRODUCTS, INC., US
[22] 2016-10-26
[41] 2017-05-13
[30] US (14/941,145) 2015-11-13
[30] US (15/267,326) 2016-09-16

---

[21] **2,946,539**
[13] A1
[51] **Int.Cl. F01D 25/12 (2006.01) F01D 5/08 (2006.01) F01D 5/18 (2006.01) F02C 7/12 (2006.01)**
[25] EN
[54] **COMPONENT FOR A GAS TURBINE ENGINE WITH A FILM HOLE**
[54] **COMPOSANT DE MOTEUR DE TURBINE A GAZ DOTE D'UN TROU DE FILM**
[72] SMITH, AARON EZEKIEL, US
[72] ZLATINOV, METODI BLAGOEV, US
[72] DYSON, THOMAS EARL, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-10-27
[41] 2017-05-11
[30] US (14/938,261) 2015-11-11

[21] **2,946,547**
[13] A1
[51] **Int.Cl. B22F 3/105 (2006.01) B33Y 10/00 (2015.01) F01D 5/18 (2006.01)**
[25] EN
[54] **ADDITIVE MANUFACTURING METHOD FOR MAKING COMPLEX FILM HOLES**
[54] **METHODE DE FABRICATION ADDITIVE DESTINEE A FABRIQUER DES TROUS DE FILM COMPLEXES**
[72] BUNKER, RONALD SCOTT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-10-27
[41] 2017-05-10
[30] US (14/937,325) 2015-11-10

---

[21] **2,946,560**
[13] A1
[51] **Int.Cl. B22F 3/105 (2006.01) B33Y 10/00 (2015.01) F01D 9/02 (2006.01) F02C 7/28 (2006.01)**
[25] EN
[54] **TURBINE COMPONENT HAVING A SEAL SLOT AND ADDITIVE MANUFACTURING PROCESS FOR MAKING SAME**
[54] **COMPOSANT DE TURBINE COMPORTANT UNE FENTE DE JOINT ET PROCEDE DE FABRICATION ADDITIVE ASSOCIE**
[72] BUNKER, RONALD SCOTT, US
[72] CORREIA, VICTOR HUGO SILVA, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-10-27
[41] 2017-05-10
[30] US (14/936,783) 2015-11-10

---

[21] **2,946,567**
[13] A1
[51] **Int.Cl. F01D 25/00 (2006.01) B64F 5/30 (2017.01) B64D 47/00 (2006.01) F02C 7/00 (2006.01)**
[25] EN
[54] **ULTRASONIC CLEANING SYSTEM AND METHOD**
[54] **METHODE ET SYSTEME DE NETTOYAGE ULTRASONIQUE**
[72] BEWLAY, BERNARD PATRICK, US
[72] FAIDI, WASEEM, US
[72] LORRAINE, PETER WILLIAM, US
[72] ALI, MOHAMED AHMED, US
[72] YAZDANFAR, SIAVASH, US
[72] FAN, YING, US
[72] NIETERS, EDWARD JAMES, US
[72] MILLS, DAVID, US
[72] TIBBETTS, NICOLE, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-10-27
[41] 2017-05-11
[30] US (14/938,590) 2015-11-11

---

[21] **2,946,590**
[13] A1
[51] **Int.Cl. B22F 3/105 (2006.01) B33Y 10/00 (2015.01) F01D 5/18 (2006.01)**
[25] EN
[54] **ADDITIVE MANUFACTURING METHOD FOR MAKING OVERHANGING TABS IN COOLING HOLES**
[54] **METHODE DE FABRICATION ADDITIVE DESTINEE A LA FABRICATION DE PATTES SUSPENDUES DANS LES TROUS DE REFROIDISSEMENT**
[72] BUNKER, RONALD SCOTT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-10-27
[41] 2017-05-09
[30] US (14/936,641) 2015-11-09

---

[21] **2,946,592**
[13] A1
[51] **Int.Cl. F16N 39/02 (2006.01) F16N 39/04 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR COOLING AIRCRAFT ENGINE FLUID**
[54] **METHODE ET SYSTEME DE REFROIDISSEMENT DE FLUIDE DE MOTEUR D'AERONEF**
[72] NIERGARTH, DANIEL ALAN, US
[72] MILLER, BRANDON WAYNE, US
[72] SNOW, KYLE ROBERT, US
[72] KROGER, CHRISTOPHER JAMES, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-10-27
[41] 2017-05-10
[30] US (14/937,266) 2015-11-10

---

[21] **2,946,603**
[13] A1
[51] **Int.Cl. B64C 3/00 (2006.01)**
[25] EN
[54] **AIRFOIL WITH ENERGY ABSORBING EDGE GUARD**
[54] **PROFIL AERODYNAMIQUE A PROTECTEUR DE REBORD ABSORBANT L'ENERGIE**
[72] KRAY, NICHOLAS JOSEPH, US
[72] ALBRECHT, RICHARD WILLIAM, JR., US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-10-27
[41] 2017-05-09
[30] US (14/935,534) 2015-11-09

# Demandes canadiennes mises à la disponibilité du public
# 7 mai 2017 au 13 mai 2017

[21] **2,946,656**
[13] A1
[51] **Int.Cl. G01S 19/28 (2010.01) G01S 19/39 (2010.01)**
[25] EN
[54] **SMART SATELLITE DISTRIBUTION INTO ARAIM CLUSTERS FOR USE IN MONITORING INTEGRITY OF COMPUTED NAVIGATION SOLUTIONS**
[54] **DISTRIBUTION DE SATELLITE INTELLIGENT DANS LES GRAPPES ARAIM DESTINEES A LA SURVEILLANCE DE L'INTEGRITE DE SOLUTIONS DE NAVIGATION CALCULEES**
[72] SKALICKY, JAKUB, US
[72] RAASAKKA, JUSSI, US
[72] OREJAS, MARTIN, US
[72] KUTIK, ONDREJ, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2016-10-26
[41] 2017-05-13
[30] US (15/221,399) 2016-07-27
[30] US (62/254,873) 2015-11-13

---

[21] **2,946,850**
[13] A1
[51] **Int.Cl. F03D 1/06 (2006.01) F03D 9/25 (2016.01)**
[25] EN
[54] **MULTI-TIERED WIND TURBINE APPARATUS**
[54] **APPAREILLAGE D'EOLIENNE A PLUSIEURS ETAGES**
[72] HUANG, KUO-CHANG, TW
[71] HUANG, KUO-CHANG, TW
[22] 2016-10-28
[41] 2017-05-13
[30] TW (104137445) 2015-11-13

---

[21] **2,947,228**
[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 50/02 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR TRACKING AN AGRICULTURAL ASSET TRANSFERRED AMONG PLURAL ASSET RECEIVING DEVICES**
[54] **SYSTEME ET METHODE DE SUIVI D'UN ACTIF AGRICOLE TRANSFERE A DES DISPOSITIFS DE RECEPTION D'ACTIFS MULTIPLES**
[72] FOLK, KYLE R., CA
[71] INTRAGRAIN TECHNOLOGIES INC., CA
[22] 2016-11-02
[41] 2017-05-13
[30] US (62/254,777) 2015-11-13

---

[21] **2,947,347**
[13] A1
[51] **Int.Cl. A61B 5/06 (2006.01) A61B 5/042 (2006.01) A61B 18/14 (2006.01)**
[25] EN
[54] **SYMMETRIC SHORT CONTACT FORCE SENSOR WITH FOUR COILS**
[54] **DETECTEUR DE FORCE DE CONTACT COURT SYMETRIQUE DOTE DE QUATRE BOBINES**
[72] BONYAK, YEVGENY, IL
[72] LEVY, DROR, US
[72] LUDWIN, DORON MOSHE, IL
[72] SABA, EITAN MOSHE, IL
[72] BAR-TAL, MEIR, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2016-11-03
[41] 2017-05-11
[30] US (14/937,998) 2015-11-11

---

[21] **2,947,363**
[13] A1
[51] **Int.Cl. H02K 3/00 (2006.01) H02K 11/04 (2016.01)**
[25] EN
[54] **MULTIPHASE ELECTRICAL MACHINE AND METHOD OF USE**
[54] **MACHINE ELECTRIQUE MULTIPHASEE ET METHODE D'UTILISATION**
[72] ATALLA, ASHRAF SAID, US
[72] SHAH, MANOJ RAMPRASAD, US
[72] PRABHAKARAN, SATISH, US
[72] ALEXANDER, JAMES PELLEGRINO, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-11-03
[41] 2017-05-13
[30] US (14/940,498) 2015-11-13

---

[21] **2,947,380**
[13] A1
[51] **Int.Cl. F02C 7/264 (2006.01) F23R 3/42 (2006.01)**
[25] EN
[54] **IGNITER FOR A GAS TURBINE ENGINE**
[54] **DISPOSITIF D'ALLUMAGE DESTINE A UNE TURBINE A GAZ**
[72] BENNETT, WILLIAM THOMAS, US
[72] KLASING, KEVIN SAMUEL, US
[72] GONYOU, CRAIG ALAN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-11-03
[41] 2017-05-09
[30] US (14/935,758) 2015-11-09

---

[21] **2,947,438**
[13] A1
[51] **Int.Cl. F01D 5/30 (2006.01) F01D 5/14 (2006.01)**
[25] EN
[54] **TURBINE BLADE ATTACHMENT MECHANISM**
[54] **MECANISME D'ACCESSOIRE DE PALE DE TURBINE**
[72] WEAVER, MATTHEW MARK, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-11-03
[41] 2017-05-10
[30] US (14/936,777) 2015-11-10

[21] 2,947,463
[13] A1
[51] Int.Cl. G01B 11/24 (2006.01) G01B 11/00 (2006.01) G01B 11/12 (2006.01) G01B 11/245 (2006.01) G01B 21/20 (2006.01) G01N 21/95 (2006.01)
[25] EN
[54] METHOD AND SYSTEM FOR AUTOMATED SHAPED COOLING HOLE MEASUREMENT
[54] METHODE ET SYSTEME DE MESURE AUTOMATISEE DE TROU DE REFROIDISSEMENT FORME
[72] RAMAMURTHY, RAJESH, US
[72] HARDING, KEVIN GEORGE, US
[72] LIAO, YI, US
[72] PAUL, RATNADEEP, US
[72] JIA, TAO, US
[72] DU, XIAOMING, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-11-03
[41] 2017-05-11
[30] US (14/938,419) 2015-11-11

[21] 2,947,560
[13] A1
[51] Int.Cl. G09G 5/12 (2006.01) B64D 43/00 (2006.01)
[25] EN
[54] SYSTEMS AND METHODS FOR MANAGING MULTIPLE INDEPENDENT DATALINK DISPLAYS
[54] SYSTEMES ET METHODES DE GESTION D'AFFICHAGES DE LIEN DE DONNEES INDEPENDANTS MULTIPLES
[72] HILL, KATHRYN BATES, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2016-11-03
[41] 2017-05-12
[30] US (14/940,104) 2015-11-12

[21] 2,947,570
[13] A1
[51] Int.Cl. A61K 33/00 (2006.01) A61K 9/14 (2006.01) A61P 15/02 (2006.01) A61P 31/04 (2006.01)
[25] EN
[54] TREATMENT OF VAGINITIS
[54] TRAITEMENT DE LA VAGINITE
[72] GLOCK, GASTON, AT
[71] GLOCK HEALTH, SCIENCE AND RESEARCH GMBH, AT
[22] 2016-11-03
[41] 2017-05-12
[30] EP (15194288.5) 2015-11-12

[21] 2,947,684
[13] A1
[51] Int.Cl. B32B 5/02 (2006.01) B32B 7/12 (2006.01) B32B 13/02 (2006.01) B32B 13/12 (2006.01)
[25] EN
[54] SOLID-PHASE COMPOSITE STRUCTURE AND RELATED METHODS
[54] STRUCTURE EN COMPOSITE EN PHASE SOLIDE ET METHODES ASSOCIEES
[72] BRADENBURG, FRANK, US
[71] SEAMAN CORPORATION, US
[22] 2016-11-07
[41] 2017-05-09
[30] US (62/252,705) 2015-11-09
[30] US (14/982,529) 2015-12-29
[30] US (15/050,853) 2016-02-23

[21] 2,947,685
[13] A1
[51] Int.Cl. B32B 13/02 (2006.01) B32B 13/12 (2006.01) B32B 27/04 (2006.01) B32B 37/00 (2006.01) D01F 6/74 (2006.01)
[25] EN
[54] SOLID-PHASE COMPOSITE STRUCTURE AND RELATED METHODS
[54] STRUCTURE EN COMPOSITE EN PHASE SOLIDE ET METHODES ASSOCIEES
[72] BRADENBURG, FRANK, US
[71] SEAMAN CORPORATION, US
[22] 2016-11-07
[41] 2017-05-09
[30] US (62/252,705) 2015-11-09
[30] US (14/982,529) 2015-12-29
[30] US (15/050,853) 2016-02-23

[21] 2,947,709
[13] A1
[51] Int.Cl. E03C 1/26 (2006.01) E03F 5/04 (2006.01)
[25] EN
[54] DRAIN ASSEMBLY WITH ADJUSTABLE SPHERICAL FRAME
[54] DISPOSITIF DE DRAIN DOTE D'UN CADRE SPHERIQUE AJUSTABLE
[72] BROOKS, SETH A., US
[72] MORRIS, JASON E., US
[71] ZURN INDUSTRIES, LLC, US
[22] 2016-11-07
[41] 2017-05-11
[30] US (62/253,993) 2015-11-11

[21] 2,947,721
[13] A1
[51] Int.Cl. B23C 3/02 (2006.01) B23C 3/12 (2006.01) E21B 41/00 (2006.01)
[25] EN
[54] MOBILE PIPE CUTTING STATION
[54] POSTE DE COUPE DE TUYAU MOBILE
[72] ULMER, ERIK HAAKON, CA
[72] ULMER, DONALD MARTIN, CA
[71] ULMER, ERIK HAAKON, CA
[71] ULMER, DONALD MARTIN, CA
[22] 2016-11-04
[41] 2017-05-10
[30] US (62/253,182) 2015-11-10

[21] 2,947,724
[13] A1
[51] Int.Cl. B41F 33/16 (2006.01)
[25] EN
[54] METHOD FOR CONTROLLING OR REGULATING, RESPECTIVELY, A PRODUCTION PROCESS IN THE PRODUCTION OF PRINTED PRODUCTS
[54] METHODE DE CONTROLE OU DE REGULATION, RESPECTIVEMENT, D'UN PROCEDE DE PRODUCTION DANS LA PRODUCTION DE PRODUITS IMPRIMES
[72] PLATZER, PETER, DE
[72] SCHNEIDER, STEFAN, DE
[71] MANROLAND WEB SYSTEMS GMBH, DE
[22] 2016-11-04
[41] 2017-05-13
[30] DE (102015119673.5) 2015-11-13

# Demandes canadiennes mises à la disponibilité du public
## 7 mai 2017 au 13 mai 2017

[21] **2,947,726**
[13] A1
[51] **Int.Cl. H03M 7/36 (2006.01)**
[25] EN
[54] **DATA COMPRESSION OF A SEQUENCE OF BINARY DATA**
[54] **COMPRESSION DE DONNEES D'UNE SEQUENCE DE DONNEES BINAIRES**
[72] GANG, TRAVIS, US
[71] SIMMONDS PRECISION PRODUCTS, INC., US
[22] 2016-11-04
[41] 2017-05-11
[30] US (14/938,560) 2015-11-11

---

[21] **2,947,742**
[13] A1
[51] **Int.Cl. B41F 33/16 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING OR REGULATING, RESPECTIVELY, A PRODCUTION PROCESS IN THE PRODUCTION OF PRINTED PRODUCTS**
[54] **METHODE DE CONTROLE OU DE REGULATION, RESPECTIVEMENT, D'UN PROCEDE DE PRODUCTION DANS LA PRODUCTION DE PRODUITS IMPRIMES**
[72] PLATZER, PETER, DE
[72] SCHNEIDER, STEFAN, DE
[71] MANROLAND WEB SYSTEMS GMBH, DE
[22] 2016-11-04
[41] 2017-05-13
[30] DE (102015119652.2) 2015-11-13

---

[21] **2,947,749**
[13] A1
[51] **Int.Cl. A62C 25/00 (2006.01) B27B 17/00 (2006.01) F04D 1/00 (2006.01) F04D 13/02 (2006.01)**
[25] EN
[54] **PORTABLE PUMP SYSTEMS, CHAINSAW ACCESSORIES, AND CHAINSAW PUMP ACCESSORY KITS**
[54] **MECANISMES DE POMPE PORTATIFS, ACCESSOIRES DE SCIE A CHAINE ET TROUSSES D'ACCESSOIRES DE POMPE DE SCIE A CHAINE**
[72] LINDSAY, BLAKE CATLIN, US
[71] LINDSAY, BLAKE CATLIN, US
[22] 2016-11-04
[41] 2017-05-09
[30] US (62/252,697) 2015-11-09
[30] US (62/326,643) 2016-04-22

---

[21] **2,947,808**
[13] A1
[51] **Int.Cl. H05B 37/02 (2006.01) F21S 8/00 (2006.01) H04N 5/335 (2011.01)**
[25] EN
[54] **IMAGE SENSOR CONTROLLED LIGHTING FIXTURE**
[54] **APPAREIL D'ECLAIRAGE CONTROLE PAR UN CAPTEUR D'IMAGE**
[72] BALAZS, LASZLO, HU
[72] BOTH, TAMAS, HU
[72] NAUD, JEAN-MARC, HU
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-11-07
[41] 2017-05-10
[30] US (14/937,408) 2015-11-10

---

[21] **2,947,820**
[13] A1
[51] **Int.Cl. A61B 17/10 (2006.01) A61B 17/94 (2006.01)**
[25] EN
[54] **ENDOSCOPIC REPOSABLE SURGICAL CLIP APPLIER**
[54] **APPLICATEUR DE PINCE CHIRURGICALE REPOSABLE ENDOSCOPIQUE**
[72] HOLSTEN, HENRY E., US
[72] LEHMAN, ADAM I., US
[72] SPENCER, KATHRYN L., US
[72] CLONCE, RICHARD LEE, US
[71] COVIDIEN LP, US
[22] 2016-11-08
[41] 2017-05-10
[30] US (62,253,162) 2015-11-10
[30] US (15/341,292) 2016-11-02

---

[21] **2,947,822**
[13] A1
[51] **Int.Cl. A61B 17/32 (2006.01) A61B 17/02 (2006.01) A61B 17/34 (2006.01) A61M 29/02 (2006.01)**
[25] EN
[54] **BALLOON DISSECTION KIT WITH MULTIPLE BALLOONS**
[54] **TROUSSE DE DISSECTION A BALLONS COMPORTANT PLUSIEURS BALLONS**
[72] BREINDEL, JAY, US
[72] HARTOUMBEKIS, ELIAS, US
[71] COVIDIEN LP, US
[22] 2016-11-08
[41] 2017-05-12
[30] US (62/254,391) 2015-11-12
[30] US (15/341,021) 2016-11-02

---

[21] **2,947,825**
[13] A1
[51] **Int.Cl. H01L 23/34 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR THERMAL MANAGEMENT OF ELECTRONIC DEVICES**
[54] **SYSTEME ET METHODE DE GESTION DE LA CHALEUR DES DISPOSITIFS ELECTRONIQUES**
[72] RUPP, STEVEN C., US
[72] FRIEDRICHS, DANIEL A., US
[72] SMITH, ROBERT B., US
[71] COVIDIEN LP, US
[22] 2016-11-08
[41] 2017-05-13
[30] US (62/254,791) 2015-11-13
[30] US (15/339,988) 2016-11-01

[21] **2,947,826**
[13] A1
[51] **Int.Cl. D04H 3/11 (2012.01)**
[25] EN
[54] **USE OF CONTINOUS FILAMENT NON-WOVEN FABRICS FOR PREVENTING DOWN LEAKAGE FROM DOWN-FILLED TEXTILE PRODUCTS**
[54] **UTILISATION DE TISSUS NON TISSES FAITS DE FILAMENTS EN VUE D'EMPECHER LA FUITE VERS LE BAS DE PRODUITS TEXTILES BOURRES DE DUVET**
[72] GROTEN, ROBERT, FR
[72] SCHMITT, GUENTER, DE
[71] CARL FREUDENBERG KG, DE
[22] 2016-11-08
[41] 2017-05-09
[30] EP (15 193 633.3) 2015-11-09

---

[21] **2,947,830**
[13] A1
[51] **Int.Cl. A47C 7/38 (2006.01) A47C 20/04 (2006.01)**
[25] EN
[54] **CHAIR WITH A SEPARATE AND ADJUSTABLE HEADREST**
[54] **FAUTEUIL MUNI D'UN APPUI-TETE SEPARE ET AJUSTABLE**
[72] GRONE, MATTHIAS, DE
[71] FERDINAND LUSCH GMBH & CO. KG, DE
[22] 2016-11-08
[41] 2017-05-10
[30] DE (10 2015 119 326.4) 2015-11-10

---

[21] **2,947,883**
[13] A1
[51] **Int.Cl. A44B 11/25 (2006.01) A44B 11/00 (2006.01)**
[25] EN
[54] **A BUCKLE**
[54] **UNE BOUCLE**
[72] SIXT, JOSEF, DE
[72] SCHWAGER, MARTIN, DE
[71] LINDNERHOF-TAKTIK GMBH, DE
[22] 2016-11-08
[41] 2017-05-09
[30] DE (10 2015 014 471.5) 2015-11-09

---

[21] **2,947,889**
[13] A1
[51] **Int.Cl. B60R 13/00 (2006.01) B60R 13/10 (2006.01)**
[25] EN
[54] **ELECTRONIC PLACARD**
[54] **AFFICHE ELECTRONIQUE**
[72] KUCKSDORF, KEVIN, US
[72] O'HERN, CAROL ANN, US
[71] J. J. KELLER & ASSOCIATES, INC., US
[22] 2016-11-08
[41] 2017-05-12
[30] US (14/939,242) 2015-11-12

---

[21] **2,947,897**
[13] A1
[51] **Int.Cl. G06Q 10/04 (2012.01) G06Q 40/04 (2012.01)**
[25] EN
[54] **PREDICTIVE MODELING FOR ADJUSTING INITIAL VALUES**
[54] **MODELISATION PREDICTIVE D'AJUSTEMENT DE VALEURS INITIALES**
[72] BURROUGHS, JAMES S., US
[72] POTTS, MARK, US
[72] KUMAR, SHEETHAL, US
[72] TREAT, DAVID B., US
[72] PILLAI, VELAYUDHAN, US
[72] KAYARAT, VIVEK, IN
[71] ACCENTURE GLOBAL SOLUTIONS LIMITED, IE
[22] 2016-11-08
[41] 2017-05-09
[30] IN (6039/CHE/2015) 2015-11-09
[30] US (15/001,952) 2016-01-20

---

[21] **2,947,902**
[13] A1
[51] **Int.Cl. B64D 11/00 (2006.01) B64D 25/00 (2006.01)**
[25] EN
[54] **AIRCRAFT OVERHEAD PASSENGER SERVICE UNIT**
[54] **MODULE DE SERVICE PASSAGER SITUE AU-DESSUS DU SIEGE DANS UN AERONEF**
[72] HESSLING-VON HEIMENDAHL, ANDRE, DE
[72] BECKER, STEFAN, DE
[71] GOODRICH LIGHTING SYSTEMS GMBH, DE
[22] 2016-11-07
[41] 2017-05-13
[30] EP (15 194 541.7) 2015-11-13

---

[21] **2,947,920**
[13] A1
[51] **Int.Cl. G06Q 20/38 (2012.01)**
[25] FR
[54] **DATA ENCRYPTION PROCESS FOR METHODS OF PAYMENT, CORRESPONDING METHODS OF PAYMENT, SERVER AND PROGRAMS**
[54] **PROCEDE DE CHIFFREMENT DE DONNEES DE MOYENS DE PAIEMENT, MOYEN DE PAIEMENT, SERVEUR ET PROGRAMMES CORRESPONDANTS**
[72] NACCACHE, DAVID, FR
[72] GERAUD, REMI, FR
[72] KOUDOUSSI, HIBA, FR
[71] INGENICO GROUP, FR
[22] 2016-11-09
[41] 2017-05-10
[30] FR (1560772) 2015-11-10

---

[21] **2,947,946**
[13] A1
[51] **Int.Cl. F24F 13/22 (2006.01) F24D 19/08 (2006.01)**
[25] EN
[54] **HEATER FOR GAS FURNACE CONDENSATE DRAIN SYSTEM**
[54] **APPAREIL DE CHAUFFAGE DESTINE A UN APPAREIL DE VIDANGE DE CONDENSAT DE CHAUDIERE A GAZ**
[72] ASHCRAFT, WALTER M., US
[71] ALLIED AIR ENTERPRISES LLC, US
[22] 2016-11-09
[41] 2017-05-09
[30] US (62/252,969) 2015-11-09

---

[21] **2,947,999**
[13] A1
[51] **Int.Cl. E04B 2/72 (2006.01) E05D 15/06 (2006.01)**
[25] EN
[54] **LOCKING ARRANGEMENT AND PANEL SYSTEM**
[54] **DISPOSITIF DE BLOCAGE ET SYSTEME DE PANNEAU**
[72] HILLIAHO, ESA, FI
[71] LUMON INVEST OY, FI
[22] 2016-11-08
[41] 2017-05-10
[30] FI (20155828) 2015-11-10

[21] **2,948,000**
[13] A1
[51] **Int.Cl. H04L 12/16 (2006.01) G06F 17/00 (2006.01) H04L 12/58 (2006.01)**
[25] EN
[54] **METHOD, SYSTEM AND APPARATUS FOR AUTONOMOUS MESSAGE GENERATION**
[54] **METHODE, SYSTEME ET APPAREIL DE GENERATION MESSAGE AUTONOME**
[72] POUPART, PASCAL, CA
[72] CHENG, PAN PAN, CA
[72] HOEY, JESSE, CA
[71] KIK INTERACTIVE INC., CA
[22] 2016-11-09
[41] 2017-05-11
[30] US (62/253847) 2015-11-11

[21] **2,948,016**
[13] A1
[51] **Int.Cl. C09D 5/16 (2006.01) B32B 7/06 (2006.01) B32B 7/12 (2006.01) B32B 15/08 (2006.01) B65F 1/00 (2006.01) B65F 1/14 (2006.01)**
[25] EN
[54] **HOUSEHOLD GOODS WITH ANTIMICROBIAL COATINGS AND METHODS OF MAKING THEREOF**
[54] **ARTICLES MENAGERS A REVETEMENT ANTIMICROBIEN ET METHODES DE FABRICATION ASSOCIEES**
[72] YANG, FRANK, US
[72] CHANG, DI-FONG, US
[72] CHEN, HON-LUN, US
[71] SIMPLEHUMAN, LLC, US
[22] 2016-11-08
[41] 2017-05-10
[30] US (62/253,612) 2015-11-10

[21] **2,948,023**
[13] A1
[51] **Int.Cl. H04W 84/18 (2009.01) H04W 4/06 (2009.01)**
[25] EN
[54] **SYSTEMS FOR PROVIDING CONDITION-BASED DATA FROM A USER INTERACTIVE DEVICE**
[54] **SYSTEMES SERVANT A FOURNIR DES DONNEES FONDEES SUR UNE CONDITION PROVENANT D'UN DISPOSITIF UTILISATEUR INTERACTIF**
[72] WEGELIN, JACKSON WILLIAM, US
[72] SMITH, DEREK MATTHEW, US
[72] CROSS, TAMARA MAE, US
[72] SLATER, JASON MICHAEL, US
[72] BULLOCK, MARK ADAM, US
[72] HALL, JEFFREY WILLIAM, US
[71] GOJO INDUSTRIES, INC., US
[22] 2016-11-09
[41] 2017-05-09
[30] US (62/252755) 2015-11-09
[30] US (62/271033) 2015-12-22

[21] **2,948,025**
[13] A1
[51] **Int.Cl. B63H 5/125 (2006.01) B63H 5/20 (2006.01) B63H 20/04 (2006.01)**
[25] EN
[54] **RETRACTABLE THRUSTER**
[54] **PROPULSEUR RETRACTABLE**
[72] SMITH, NIGEL CHRISTOPHER, GB
[72] ROBERTS, PHILIP DAVID, GB
[72] MATTHEWS, ANDREW MICHAEL, GB
[71] LEWMAR LIMITED, GB
[22] 2016-11-09
[41] 2017-05-12
[30] GB (1519998.7) 2015-11-12

[21] **2,948,027**
[13] A1
[51] **Int.Cl. E21B 33/12 (2006.01) E21B 33/124 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **APPARATUSES AND METHODS FOR ENABLING MULTISTAGE HYDRAULIC FRACTURING**
[54] **APPAREILLAGES ET METHODES PERMETTANT LA FRACTURATION HYDRAULIQUE MULTI ETAGE**
[72] GILLIS, BROCK, CA
[72] JOHNSON, TIM, CA
[71] NCS MULTISTAGE INC., CA
[22] 2016-11-09
[41] 2017-05-10
[30] US (62/253,398) 2015-11-10

[21] **2,948,050**
[13] A1
[51] **Int.Cl. E04D 11/02 (2006.01) E04D 5/00 (2006.01)**
[25] EN
[54] **INVERTED ROOFING SYSTEM AND METHOD**
[54] **METHODE ET SYSTEME DE TOITURE INVERSEE**
[72] BEATTIE, CRAIG, CA
[71] INDUSTRIAL WATERPROOF SYSTEMS LTD., CA
[22] 2016-11-10
[41] 2017-05-12
[30] US (62/254,604) 2015-11-12

[21] **2,948,063**
[13] A1
[51] **Int.Cl. E04H 15/08 (2006.01) B60P 3/345 (2006.01) B60P 3/36 (2006.01) E04F 10/02 (2006.01) E04H 15/06 (2006.01)**
[25] EN
[54] **AWNING ASSEMBLY ATTACHMENT**
[54] **FIXATION D'AUVENT**
[72] ALBERTSON, KYLE PATRICK, US
[71] DOMETIC SWEDEN AB, SE
[22] 2016-11-10
[41] 2017-05-13
[30] US (62/255,063) 2015-11-13

[21] **2,948,075**
[13] A1
[51] **Int.Cl. H04B 17/40 (2015.01) H04B 17/15 (2015.01) H04B 17/29 (2015.01) H04B 7/185 (2006.01)**
[25] EN
[54] **METHOD OF CHARACTERIZING THE PERFORMANCE OF A PAYLOAD OF A SATELLITE IN ORBIT AND ASSOCIATED IOT SYSTEM**
[54] **METHODE DE CARACTERISATION DU RENDEMENT D'UNE CHARGE D'UN SATELLITE EN ORBITE ET SYSTEME IOT ASSOCIE**
[72] TESSANDORI, STEPHANE OLIVIER, FR
[72] BOUSQUET, EMMANUEL, FR
[72] DURAND, ARNAUD DAMIEN, FR
[71] THALES, FR
[22] 2016-11-10
[41] 2017-05-10
[30] FR (1502356) 2015-11-10

[21] **2,948,100**
[13] A1
[51] **Int.Cl. H02J 3/14 (2006.01)**
[25] EN
[54] **CONTINUOUSLY VARIABLE SATURABLE SHUNT REACTOR**
[54] **REACTEUR SHUNT A SATURATION VARIABLE EN CONTINU**
[72] BUNIN, ANATOLIY, DE
[72] LOPPACH, KARSTEN, DE
[72] SCHNIEDERS, JOHANNES, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[22] 2016-11-10
[41] 2017-05-10
[30] EP (15193880.0) 2015-11-10

---

[21] **2,948,106**
[13] A1
[51] **Int.Cl. G06F 21/62 (2013.01) G06Q 40/02 (2012.01) G06Q 40/08 (2012.01) G06Q 10/00 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHOD FOR TRACKING BEHAVIOR OF NETWORKED DEVICES USING HYBRID PUBLIC-PRIVATE BLOCKCHAIN LEDGERS**
[54] **SYSTEME ET METHODE DE SUIVI DE COMPORTEMENT DE DISPOSITIFS EN RESEAU AU MOYEN DE REGISTRE A CHAINE DE BLOCAGE PUBLIC-PRIVE HYBRIDE**
[72] HALDENBY, PERRY AARON JONES, CA
[72] MAHADEVAN, RAJAN, CA
[72] LEE, JOHN JONG SUK, CA
[72] CHAN, PAUL MON-WAH, CA
[72] DEL VECCHIO, ORIN, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2016-11-09
[41] 2017-05-09
[30] US (14/935,829) 2015-11-09

---

[21] **2,948,111**
[13] A1
[51] **Int.Cl. A01G 25/16 (2006.01)**
[25] EN
[54] **SYSTEMS FOR HANDLING FLUID FOR APPLICATION TO AGRICULTURAL FIELDS**
[54] **SYSTEMES DE TRAITEMENT DE FLUIDE DESTINES A UNE APPLICATION DANS LES CHAMPS AGRICOLES**
[72] GRIMM, JEFFREY JOHN, US
[72] BOYD, ANDREW, US
[71] CAPSTAN AG SYSTEMS, INC., US
[22] 2016-11-10
[41] 2017-05-13
[30] US (15/348,178) 2016-11-10
[30] US (62/255,091) 2015-11-13

---

[21] **2,948,116**
[13] A1
[51] **Int.Cl. G06F 21/62 (2013.01) G06Q 20/10 (2012.01) G06Q 10/00 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ESTABLISHING AND ENFORCING TRANSACTION-BASED RESTRICTIONS USING HYBRID PUBLIC-PRIVATE BLOCKCHAIN LEDGERS**
[54] **SYSTEMES ET METHODES D'ETABLISSEMENT ET DE MISE EN APPLICATION DE RESTRICTIONS FONDEES SUR UNE TRANSACTION AU MOYEN DE REGISTRE A CHAINE DE BLOCAGE PUBLIC-PRIVE HYBRIDE**
[72] HALDENBY, PERRY AARON JONES, CA
[72] MAHADEVAN, RAJAN, CA
[72] LEE, JOHN JONG SUK, CA
[72] CHAN, PAUL MON-WAH, CA
[72] DEL VECCHIO, ORIN, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2016-11-09
[41] 2017-05-09
[30] US (14/935,799) 2015-11-09

---

[21] **2,948,239**
[13] A1
[51] **Int.Cl. G06F 21/62 (2013.01) G06Q 10/00 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETECTING AND RESOLVING DATA INCONSISTENCIES AMONG NETWORKED DEVICES USING HYBRID PRIVATE-PUBLIC BLOCKCHAIN LEDGERS**
[54] **SYSTEMES ET METHODES DE DETECTION ET DE RESOLUTIONS D'INCOHERENCES DE DONNEES SUR DES DISPOSITIFS EN RESEAU AU MOYEN DE REGISTRES A CHAINE DE BLOCS PRIVE-PUBLIC HYBRIDES**
[72] HALDENBY, PERRY AARON JONES, CA
[72] MAHADEVAN, RAJAN, CA
[72] LEE, JOHN JONG SUK, CA
[72] CHAN, PAUL MON-WAH, CA
[72] DEL VECCHIO, ORIN, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2016-11-10
[41] 2017-05-10
[30] US (14/936,812) 2015-11-10

---

[21] **2,948,241**
[13] A1
[51] **Int.Cl. G06F 21/62 (2013.01) G06Q 40/02 (2012.01) G06Q 10/00 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR TRACKING AND TRANSFERRING OWNERSHIP OF CONNECTED DEVICES USING BLOCKCHAIN LEDGERS**
[54] **SYSTEMES ET METHODE DE SUIVI ET DE TRANSFERT DE LA PROPRIETE DE DISPOSITIFS CONNECTES AU MOYEN DE REGISTRES A CHAINE DE BLOCS**
[72] HALDENBY, PERRY AARON JONES, CA
[72] MAHADEVAN, RAJAN, CA
[72] LEE, JOHN JONG SUK, CA
[72] DEL VECCHIO, ORIN, CA
[72] CHAN, PAUL MON-WAH, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2016-11-10
[41] 2017-05-10
[30] US (14/936,833) 2015-11-10

[21] **2,948,249**
[13] A1
[51] **Int.Cl. E21B 34/06 (2006.01) E21B 33/12 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **APPARATUSES AND METHODS FOR ENABLING MULTISTAGE HYDRAULIC FRACTURING**
[54] **APPAREILLAGES ET METHODES PERMETTANT LA FRACTURATION HYDRAULIQUE MULTI ETAGE**
[72] JOHNSON, TIM, CA
[72] GILLIS, BROCK, CA
[72] GETZLAF, DON, CA
[71] NCS MULTISTAGE INC., CA
[22] 2016-11-10
[41] 2017-05-10
[30] US (62/253,435) 2015-11-10

---

[21] **2,948,266**
[13] A1
[51] **Int.Cl. A47B 9/10 (2006.01) A47B 9/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR PROVIDING AN ASSISTIVE WORK SURFACE LIFTING FORCE FOR A HEIGHT-ADJUSTABLE WORK SURFACE**
[54] **APPAREIL SERVANT A FOURNIR UNE FORCE DE LEVAGE DE SURFACE DE TRAVAIL FONCTIONNELLE DESTINE A UNE SURFACE DE TRAVAIL AJUSTABLE EN HAUTEUR**
[72] CARTER, GREGORY GEORGE, CA
[72] PAPROCKI, GARY, CA
[71] GLOBE STAMPING COMPANY LIMITED, CA
[22] 2016-11-10
[41] 2017-05-11
[30] US (62/253,860) 2015-11-11

---

[21] **2,948,273**
[13] A1
[51] **Int.Cl. E21B 34/16 (2006.01) E21B 34/06 (2006.01)**
[25] EN
[54] **DOWNHOLE VALVE**
[54] **VANNE DE FOND DE TROU**
[72] LAMBE, KENNETH A., CA
[72] PRATT, F. DALE, CA
[71] EXTENSIVE ENERGY TECHNOLOGIES PARTNERSHIP, CA
[22] 2016-11-10
[41] 2017-05-11
[30] US (62/253,796) 2015-11-11
[30] US (62/258,093) 2015-11-20

---

[21] **2,948,327**
[13] A1
[51] **Int.Cl. G01F 23/02 (2006.01)**
[25] EN
[54] **FLUID LEVEL VISUALIZATION SYSTEMS**
[54] **DISPOSITIFS DE VISUALISATION DE NIVEAU DE LIQUIDE**
[72] WILSON, JAY, US
[71] TRICO CORP., US
[22] 2016-11-14
[41] 2017-05-13
[30] US (62/255053) 2015-11-13
[30] US (15/348233) 2016-11-10

---

[21] **2,948,413**
[13] A1
[51] **Int.Cl. H04W 4/00 (2009.01) H04W 4/02 (2009.01) A41D 13/015 (2006.01) F16P 1/00 (2006.01) F41H 13/00 (2006.01)**
[25] FR
[54] **EQUIPMENT FOR SECURING A PERSON AND ASSOCIATED SYSTEM**
[54] **EQUIPEMENT DE SECURISATION D'UNE PERSONNE ET SYSTEME ASSOCIE**
[72] MONCET, ERIC, FR
[72] ROCHE, ELODIE, FR
[72] ABEILLE, ERIC, FR
[72] BOISNON, JEAN-MICHEL, FR
[72] LARMOIRE, THIERRY, FR
[71] THALES, FR
[22] 2016-11-10
[41] 2017-05-13
[30] FR (15 02 382) 2015-11-13

---

[21] **2,948,418**
[13] A1
[51] **Int.Cl. B64D 47/02 (2006.01) F21V 31/00 (2006.01) F21V 31/04 (2006.01) F21S 8/10 (2006.01)**
[25] EN
[54] **EXTERIOR AIRCRAFT LIGHT UNIT**
[54] **MODULE D'ECLAIRAGE EXTERIEUR D'AERONEF**
[72] HESSLING-VON HEIMENDAHL, ANDRE, DE
[72] GAUSEPOHL, ANDREAS, DE
[71] GOODRICH LIGHTING SYSTEMS GMBH, DE
[22] 2016-11-10
[41] 2017-05-13
[30] EP (15 194 543.3) 2015-11-13

---

[21] **2,948,432**
[13] A1
[51] **Int.Cl. B64D 47/02 (2006.01) F21K 9/00 (2016.01) F21V 7/04 (2006.01)**
[25] EN
[54] **EXTERIOR AIRCRAFT LIGHT UNIT AND AIRCRAFT COMPRISING THE SAME**
[54] **MODULE D'ECLAIRAGE EXTERIEUR D'AERONEF ET AERONEF COMPORTANT LEDIT MODULE**
[72] JHA, ANIL KUMAR, DE
[72] HESSLING-VON HEIMENDAHL, ANDRE, DE
[71] GOODRICH LIGHTING SYSTEMS GMBH, DE
[22] 2016-11-10
[41] 2017-05-13
[30] EP (15 194 535.9) 2015-11-13

---

[21] **2,948,453**
[13] A1
[51] **Int.Cl. A63B 60/42 (2015.01) A63B 60/46 (2015.01) A63B 69/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MATCHING ATHLETES WITH EQUIPMENT**
[54] **METHODES ET SYSTEME D'ASSOCIATION ENTRE LES ATHLETES ET L'EQUIPEMENT**
[72] STEFANYSHYN, DARREN J., CA
[72] WANNOP, JOHN W., CA
[72] MADDEN, RYAN M. J., CA
[72] WOROBETS, JAY TOFIN, CA
[71] SPORT INSIGHT INC., CA
[22] 2016-11-14
[41] 2017-05-13
[30] US (62/255,204) 2015-11-13

---

[21] **2,948,466**
[13] A1
[51] **Int.Cl. E04H 12/00 (2006.01) E04H 12/22 (2006.01) E04H 12/34 (2006.01)**
[25] EN
[54] **POLE ASSEMBLY**
[54] **ASSEMBLAGE DE POTEAU**
[72] COTE, PAUL L., CA
[71] COTE, PAUL L., CA
[22] 2016-11-14
[41] 2017-05-13
[30] CA (2,911,981) 2015-11-13

[21] **2,948,470**
[13] A1
[51] **Int.Cl. F01D 11/02 (2006.01) F01D 11/12 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE STAGE PROVIDED WITH A LABYRINTH SEAL**
[54] **ETAGE DE MOTEUR DE TURBINE A GAZ DOTE D'UN JOINT LABYRINTHE**
[72] COUTANDIN, DANIELE, IT
[71] GE AVIO S.R.L., IT
[22] 2016-11-10
[41] 2017-05-11
[30] IT (102015000071537) 2015-11-11

---

[21] **2,948,520**
[13] A1
[51] **Int.Cl. A01K 39/01 (2006.01) A45F 3/44 (2006.01) E04H 12/00 (2006.01) F16M 13/00 (2006.01)**
[25] EN
[54] **HUB MEMBER AND SUPPORTING ARMS FOR A POLE MOUNTED ASSEMBLY**
[54] **ELEMENT DE MOYEU ET BRAS DE SUPPORT DESTINES A UN ASSEMBLAGE FIXE A UN POTEAU**
[72] COTE, PAUL L., CA
[71] COTE, PAUL L., CA
[22] 2016-11-14
[41] 2017-05-13
[30] CA (2,911,981) 2015-11-13

---

[21] **2,948,522**
[13] A1
[51] **Int.Cl. A01K 39/01 (2006.01) A45F 3/44 (2006.01) E04H 12/00 (2006.01) F16M 13/00 (2006.01)**
[25] EN
[54] **POLE AND HUB**
[54] **POTEAU ET MOYEU**
[72] COTE, PAUL L., CA
[71] COTE, PAUL L., CA
[22] 2016-11-14
[41] 2017-05-13
[30] CA (2,911,981) 2015-11-13

---

[21] **2,948,533**
[13] A1
[51] **Int.Cl. B27B 31/04 (2006.01)**
[25] EN
[54] **BOARD TURNER**
[54] **TOURNE-PLANCHE**
[72] STAAL, TIM, CA
[72] CONGDON, THOMAS, CA
[71] USNR/KOCKUMS CANCAR COMPANY, US
[22] 2016-11-14
[41] 2017-05-13
[30] US (62/254,714) 2015-11-13

---

[21] **2,948,566**
[13] A1
[51] **Int.Cl. A63G 21/18 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR FASTENING OF INFLATABLE RIDE SURFACES**
[54] **METHODE ET APPAREIL DE FIXATION DE SURFACES DE MANEGE GONFLABLE**
[72] KOIDE, BRAD, US
[72] MYRMAN, MARSHALL COREY, US
[71] WHITEWATER WEST INDUSTRIES, LTD., CA
[22] 2016-11-14
[41] 2017-05-12
[30] US (62/254,631) 2015-11-12

---

[21] **2,948,569**
[13] A1
[51] **Int.Cl. F42B 33/00 (2006.01) F42B 30/00 (2006.01) F42B 99/00 (2006.01)**
[25] EN
[54] **MECHANICALLY ADAPTABLE PROJECTILE AND METHOD OF MANUFACTURING THE SAME**
[54] **PROJECTILE ADAPTABLE MECANIQUEMENT ET METHODE DE FABRICATION ASSOCIEE**
[72] TEIG, RANDY S., US
[72] TEIG, ADAM H., US
[71] TEIG, RANDY S., US
[71] TEIG, ADAM H., US
[22] 2016-11-10
[41] 2017-05-12
[30] US (14/939194) 2015-11-12

---

[21] **2,948,576**
[13] A1
[51] **Int.Cl. G06Q 20/40 (2012.01) H04W 12/06 (2009.01) H04L 9/32 (2006.01)**
[25] EN
[54] **METHOD OF ASSISTANCE IN THE AUTHENTICATION OF A USER, CORRESPONDING SERVER AND COMPUTER PROGRAM**
[54] **METHODE D'AIDE A L'AUTHENTIFICATION D'UN UTILISATEUR, SERVEUR CORRESPONDANT ET PROGRAMME INFORMATIQUE**
[72] DUCROHET, VINCENT, FR
[72] KOUDOUSSI, HIBA, FR
[71] INGENICO GROUP, FR
[22] 2016-11-10
[41] 2017-05-13
[30] FR (1560896) 2015-11-13

---

[21] **2,948,581**
[13] A1
[51] **Int.Cl. A63G 31/00 (2006.01) A63B 69/00 (2006.01) A63G 21/18 (2006.01)**
[25] EN
[54] **INFLATABLE SURFING APPARATUS AND METHOD OF PROVIDING REDUCED FLUID TURBULENCE**
[54] **APPAREIL DE GLISSE SUR L'EAU GONFLABLE ET METHODE PERMETTANT DE REDUIRE LA TURBULENCE DU LIQUIDE**
[72] VICENTE, ORIOL A., US
[72] MYRMAN, MARSHALL COREY, US
[72] KOIDE, BRAD, US
[72] PHILP, DAVID, ZA
[71] WHITEWATER WEST INDUSTRIES LTD., CA
[22] 2016-11-14
[41] 2017-05-13
[30] US (62/255,054) 2015-11-13

[21] **2,948,583**
[13] A1
[51] **Int.Cl. A63G 21/18 (2006.01) A63G 31/00 (2006.01)**
[25] EN
[54] **WAVE CATCHING SHUTDOWN LANE END**
[54] **EXTREMITE DE VOIE D'ARRET SAISISSANT LA VAGUE**
[72] BARRERA, CLAUDIO, CA
[72] CARLSON, KARL, CA
[72] BRADLEY, BRUCE, CA
[72] KHOMOVSKIY, ANDREY, CA
[71] WHITEWATER WEST INDUSTRIES LTD., CA
[22] 2016-11-14
[41] 2017-05-12
[30] US (62/254,586) 2015-11-12

---

[21] **2,948,584**
[13] A1
[51] **Int.Cl. A63G 31/00 (2006.01)**
[25] EN
[54] **TRANSPORTABLE INFLATABLE SURFING APPARATUS AND METHOD**
[54] **APPAREILLAGE DE SURF GONFLABLE TRANSPORTABLE ET METHODE**
[72] KOIDE, BRAD, US
[72] MYRMAN, MARSHALL COREY, US
[71] WHITEWATER WEST INDUSTRIES, LTD., CA
[22] 2016-11-14
[41] 2017-05-12
[30] US (62/254,573) 2015-11-12

---

[21] **2,948,586**
[13] A1
[51] **Int.Cl. A63G 31/00 (2006.01) A63B 69/00 (2006.01) A63G 21/18 (2006.01)**
[25] EN
[54] **SURFING DEVICE AND METHOD**
[54] **DISPOSITIF DE GLISSE SUR L'EAU ET METHODE**
[72] KRITICOS, STEPHEN CON, AU
[71] WHITEWATER WEST INDUSTRIES, LTD., CA
[22] 2016-11-14
[41] 2017-05-13
[30] US (62/255,159) 2015-11-13

---

[21] **2,948,607**
[13] A1
[51] **Int.Cl. G07G 1/12 (2006.01)**
[25] EN
[54] **MODULAR CASH REGISTER**
[54] **CAISSE ENREGISTREUSE MODULAIRE**
[72] GOMBAULT, CAMILLE, FR
[72] DEDIEU, PHILIPPE, FR
[72] DECODTS, CEDRIC, FR
[72] DEMANGE, FABIEN, FR
[72] GEORGES, DIDIER, FR
[71] INGENICO GROUP, FR
[22] 2016-11-14
[41] 2017-05-13
[30] FR (1560914) 2015-11-13

---

[21] **2,951,054**
[13] A1
[51] **Int.Cl. C09K 8/528 (2006.01) C02F 5/08 (2006.01) E21B 43/28 (2006.01)**
[25] EN
[54] **WINTERIZED SCALE INHIBITOR**
[54] **INHIBITEUR DE CALCAIRE A L'EPREUVE DE L'HIVER**
[72] WAHAL, SANJAY, US
[72] HOUSTON, CHRISTOPHER, US
[71] NACHURS ALPINE SOLUTIONS, CORP., US
[22] 2016-11-10
[41] 2017-05-10
[30] US (62/253,620) 2015-11-10
[30] US (15/348,329) 2016-11-10

---

[21] **2,956,619**
[13] A1
[51] **Int.Cl. A61G 5/02 (2006.01) B62M 1/12 (2006.01) B62M 5/00 (2006.01)**
[25] EN
[54] **MOBILE CHAIR APPARATUS COMPRISING FOOT PEDALS**
[54] **APPAREIL DE CHAISE MOBILE COMPORTANT DES PEDALES**
[72] SIMONS, KENNETH A., US
[72] GUY, ASHLEY, US
[71] SIMONS, KENNETH A., US
[22] 2017-01-31
[41] 2017-05-08
[30] US (15/048,549) 2016-02-19
[30] US (15/416,844) 2017-01-26

---

[21] **2,958,223**
[13] A1
[51] **Int.Cl. B62K 5/027 (2013.01) B62B 3/04 (2006.01) B62B 3/12 (2006.01) B62K 7/04 (2006.01)**
[25] EN
[54] **MINI STANDING HAND POWERED TRICYCLE**
[54] **TRICYCLE MANUEL VERTICAL DE TAILLE REDUITE**
[72] LEBLANC, RODRIGUE, CA
[71] LEBLANC, RODRIGUE, CA
[22] 2017-02-16
[41] 2017-05-09

---

[21] **2,959,853**
[13] A1
[51] **Int.Cl. C08L 25/12 (2006.01) C08L 51/04 (2006.01)**
[25] EN
[54] **THERMOPLASTIC RESIN COMPOSITION AND RESIN MOLDED ARTICLE**
[54] **COMPOSITION DE RESINE THERMOPLASTIQUE ET ARTICLE MOULE EN RESINE**
[72] YAMASHITA, SHINJI, JP
[72] SAKAI, HIROSHI, JP
[71] UMG ABS, LTD., JP
[22] 2017-03-02
[41] 2017-05-09
[30] JP (2016-046859) 2016-03-10

---

[21] **2,960,528**
[13] A1
[51] **Int.Cl. A61B 34/20 (2016.01) A61B 5/055 (2006.01) A61B 6/03 (2006.01)**
[25] EN
[54] **A DEPTH-ENCODED FIDUCIAL MARKER FOR INTRAOPERATIVE SURGICAL REGISTRATION**
[54] **UN MARQUEUR DE REPERE A CODAGE PROFOND DESTINE A L'ENREGISTREMENT CHIRURGICAL INTRAOPERATOIRE**
[72] MCLACHLIN, STEWART DAVID, CA
[72] ABHARI, KAMYAR, CA
[72] SELA, GAL, CA
[72] SHOUP, JARED ROWLAND, CA
[72] HYNNA, KAI MICHAEL, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[22] 2017-03-08
[41] 2017-05-12

[21] **2,960,608**
[13] A1
[51] **Int.Cl. H04B 7/185 (2006.01) H04W 4/00 (2009.01) H04W 84/06 (2009.01) B64D 47/00 (2006.01)**
[25] EN
[54] **WIRELESS SOFTWARE DIALER FOR SATELLITE COMMUNICATION DEVICE**
[54] **COMPOSEUR LOGICIEL SANS FIL DESTINE A UN DISPOSITIF DE COMMUNICATION SATELLITE**
[72] CURTIS, TIMOTHY, CA
[72] INSLEY, MARK, CA
[72] MARTIN, DAVID, CA
[71] LATITUDE TECHNOLOGIES CORPORATION, CA
[22] 2017-03-08
[41] 2017-05-12
[30] US (15/331,749) 2016-10-21

# PCT Applications Entering the National Phase

# Demandes PCT entrant en phase nationale

[21] **2,919,351**
[13] A1
[51] **Int.Cl. B60Q 1/38 (2006.01)**
[25] EN
[54] **DIRECTION INDICATOR SYSTEM AND DIRECTION INDICATOR DEVICE**
[54] **SYSTEME D'INDICATEUR DE DIRECTION ET DISPOSITIF INDICATEUR DE DIRECTION**
[72] OHKI, ISAO, JP
[71] SHINDENGEN ELECTRIC MANUFACTURING CO., LTD., JP
[85] 2015-10-06
[86] 2015-01-14 (PCT/JP2015/050775)
[87] (WO2016/113857)

---

[21] **2,934,156**
[13] A1
[51] **Int.Cl. A61K 31/353 (2006.01) C12N 5/077 (2010.01) A61P 3/04 (2006.01) C12Q 1/02 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **PROCESS AND COMPOSITIONS FOR ACHIEVING MAMMALIAN ENERGY BALANCE**
[54] **PROCEDE ET COMPOSITIONS SERVANT A REALISER L'EQUILIBRE ENERGETIQUE DE MAMMIFERE**
[72] MAJEED, MUHAMMED, US
[71] MAJEED, MUHAMMED, US
[85] 2016-06-22
[86] 2015-11-11 (PCT/US2015/060176)
[87] (2934156)
[30] US (14/936,830) 2015-11-10

---

[21] **2,952,960**
[13] A1
[51] **Int.Cl. C01B 32/15 (2017.01) C01B 32/00 (2017.01)**
[25] EN
[54] **BANDGAP ENGINEERING OF CARBON QUANTUM DOTS**
[54] **CONFIGURATION DE BANDE INTERDITE DE BOITES QUANTIQUES DE CARBONE**
[72] TOUR, JAMES M., US
[72] YE, RUQUAN, US
[72] METZGER, ANDREW, US
[72] STAVINOHA, MACY, US
[72] ZHENG, YONGHAO, US
[71] WILLIAM MARSH RICE UNIVERSITY, US
[85] 2016-12-19
[86] 2015-06-19 (PCT/US2015/036729)
[87] (WO2016/053411)
[30] US (62/014,627) 2014-06-19

---

[21] **2,952,998**
[13] A1
[51] **Int.Cl. B62K 25/04 (2006.01)**
[25] EN
[54] **A BICYCLE REAR WHEEL SUSPENSION SYSTEM**
[54] **SYSTEME DE SUSPENSION DE ROUE ARRIERE DE BICYCLETTE**
[72] SOUTHALL, TIMOTHY JAMES, AU
[71] VASTTECH IP PTY LTD, AU
[85] 2016-12-20
[86] 2015-06-25 (PCT/AU2015/000366)
[87] (WO2015/196242)
[30] AU (2014902432) 2014-06-25
[30] AU (2015900173) 2015-01-21
[30] AU (2015900792) 2015-02-28

---

[21] **2,954,843**
[13] A1
[51] **Int.Cl. B05B 15/12 (2006.01) B05B 13/04 (2006.01)**
[25] EN
[54] **STATIONS AND PLANTS FOR THE SURFACE-TREATMENT OF OBJECTS**
[54] **STATIONS ET INSTALLATIONS POUR LE TRAITEMENT DE SURFACE D'OBJETS**
[72] COLOMBAROLI, PAOLO, IT
[72] COVIZZI, GIAMPAOLO, IT
[72] VIOLA, ALDO, IT
[71] GEICO S.P.A., IT
[85] 2017-01-11
[86] 2015-07-28 (PCT/IB2015/055682)
[87] (WO2016/016798)
[30] IT (MI2014A001394) 2014-07-31

[21] **2,954,866**
[13] A1
[51] **Int.Cl. B29C 70/28 (2006.01) C08J 5/04 (2006.01)**
[25] EN
[54] **EFFICIENT PRODUCTION OF COMPOSITE SEMIFINISHED PRODUCTS AND COMPONENTS IN A WET PRESSING METHOD USING HYDROXYFUNCTIONALIZED (METH)ACRYLATES WHICH ARE DUROPLASTICALLY CROSSLINKED USING ISOCYANATES OR URETDIONES**
[54] **PRODUCTION EFFICACE DE SEMI-PRODUITS ET DE COMPOSANTS COMPOSITES DANS LE PROCEDE D'APPLICATION DE PRESSION PAR VOIE HUMIDE EN UTILISANT DES (METH)ACRYLATES FONCTIONNALISES PAR UN HYDROXY, QUI SONT RETICULES DE MANIERE THERMODURCISSABLE AU MOYEN D'ISOCYANATES OU D'URETDIONES**
[72] REEMERS, SANDRA, DE
[72] TUNCAY, ZUHAL, DE
[72] KUBE, MICHAEL, DE
[72] SCHMIDT, FRIEDRICH GEORG, DE
[71] EVONIK DEGUSSA GMBH, DE
[85] 2017-01-11
[86] 2015-07-23 (PCT/EP2015/066813)
[87] (WO2016/016069)
[30] EP (14178720.0) 2014-07-28

---

[21] **2,955,924**
[13] A1
[51] **Int.Cl. E21B 3/035 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD WITH TORQUE CONTROL FROM TOP DRIVE**
[54] **SYSTEME ET PROCEDE AYANT UNE COMMANDE DE COUPLE A PARTIR D'UN D'ENTRAINEMENT SUPERIEUR**
[72] WILSON, JAMES TYLER, US
[72] BOWLEY, RYAN THOMAS, CA
[72] COOMBE, BRENT JAMES-WILLIAM, CA
[72] MAXWELL, COLIN TREVOR, CA
[72] GREENING, DOUG CHRISTIAN, CA
[71] TESCO CORPORATION, US
[85] 2017-01-20
[86] 2015-07-14 (PCT/US2015/040406)
[87] (WO2016/018617)
[30] US (14/444,830) 2014-07-28

---

[21] **2,956,495**
[13] A1
[51] **Int.Cl. B60P 3/08 (2006.01)**
[25] FR
[54] **INDIVIDUAL, UNIVERSAL, REMOVABLE, LOAD-BEARING PALLET FOR CAR-CARRYING VEHICLE**
[54] **PALETTE PORTEUSE AMOVIBLE, INDIVIDUELLE ET UNIVERSELLE, POUR VEHICULE PORTE-VOITURES**
[72] SCHEER, DANIEL, FR
[71] LOHR ELECTROMECANIQUE, FR
[85] 2017-01-27
[86] 2015-07-22 (PCT/FR2015/052014)
[87] (WO2016/016548)
[30] FR (1457306) 2014-07-28

---

[21] **2,956,835**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 31/542 (2006.01) A61P 25/28 (2006.01) C07D 513/04 (2006.01) C07K 16/18 (2006.01)**
[25] EN
[54] **COMBINATION THERAPY**
[54] **POLYTHERAPIE UTILISEE POUR LA MALADIE D'ALZHEIMER DANS LAQUELLE ON UTILISE DES ANTICORPS ANTI-N3PGLU ABETA + UN INHIBITEUR DE BACE**
[72] MAY, PATRICK CORNELIOUS, US
[72] MERGOTT, DUSTIN JAMES, US
[71] ELI LILLY AND COMPANY, US
[85] 2017-01-30
[86] 2015-09-08 (PCT/US2015/048807)
[87] (WO2016/043997)
[30] US (62/050,967) 2014-09-16

---

[21] **2,957,153**
[13] A1
[51] **Int.Cl. A23C 19/09 (2006.01) A23C 19/00 (2006.01) A23C 19/068 (2006.01) A23C 19/076 (2006.01)**
[25] EN
[54] **PHYSICALLY STABLE LIQUEFIED CHEESE COMPOSITION AND PROCESS FOR MAKING IT**
[54] **COMPOSITION A BASE DE FROMAGE LIQUEFIE PHYSIQUEMENT STABLE ET SON PROCEDE DE FABRICATION**
[72] UPRETI, PRAVEEN, US
[72] WULFF, DAVID, US
[71] NESTEC S.A., CH
[85] 2017-02-02
[86] 2015-08-25 (PCT/EP2015/069388)
[87] (WO2016/050420)
[30] US (62/059,292) 2014-10-03

[21] **2,957,158**
[13] A1
[51] **Int.Cl. A23C 19/09 (2006.01) A23C 19/00 (2006.01) A23C 19/032 (2006.01) A23C 19/05 (2006.01) A23C 19/08 (2006.01)**
[25] EN
[54] **CHEESE COMPOSITION AND PROCESS FOR MAKING IT**
[54] **COMPOSITION DE FROMAGE ET SON PROCEDE DE FABRICATION**
[72] STOBER, PAUL, FR
[72] GUIOT, CHRISTIAN, FR
[72] PARMANTIER, CLAUDE, FR
[71] NESTEC S.A., CH
[85] 2017-02-02
[86] 2015-09-30 (PCT/EP2015/072555)
[87] (WO2016/050844)
[30] EP (14187675.5) 2014-10-03

---

[21] **2,957,422**
[13] A1
[51] **Int.Cl. D21F 7/08 (2006.01)**
[25] EN
[54] **PAPERMAKING BELTS FOR MAKING FIBROUS STRUCTURES**
[54] **COURROIES DE FABRICATION DE PAPIER POUR LA FABRICATION DE STRUCTURES FIBREUSES**
[72] MALADEN, RYAN DOMINIC, US
[72] SHEEHAN, JEFFREY GLEN, US
[72] POLAT, OSMAN, US
[72] BARKEY, DOUGLAS JAY, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-02-06
[86] 2015-08-05 (PCT/US2015/043697)
[87] (WO2016/022617)
[30] US (62/033,414) 2014-08-05
[30] US (14/642,861) 2015-03-10

---

[21] **2,957,764**
[13] A1
[51] **Int.Cl. A61K 9/52 (2006.01) A61K 31/573 (2006.01) A61K 47/10 (2017.01) A61K 47/34 (2017.01)**
[25] EN
[54] **GLUCOCORTICOID-LOADED NANOPARTICLES FOR PREVENTION OF CORNEAL ALLOGRAFT REJECTION AND NEOVASCULARIZATION**
[54] **NANOPARTICULES CHARGEES DE GLUCOCORTICOIDES UTILISABLES EN VUE DE LA PREVENTION DU REJET D'UNE ALLOGREFFE DE CORNEE ET DE LA NEOVASCULARISATION CORNEENNE**
[72] HANES, JUSTIN SCOT, US
[72] PAN, QING, CN
[72] XU, QINGGUO, US
[72] BOYLAN, NICHOLAS J., US
[72] STARK, WALTER J., US
[72] WANG, BING, CN
[72] LUO, LIXIA, CN
[71] THE JOHNS HOPKINS UNIVERSITY, US
[85] 2017-02-09
[86] 2015-08-03 (PCT/US2015/043478)
[87] (WO2016/025215)
[30] US (62/037,000) 2014-08-13
[30] US (62/139,561) 2015-03-27

---

[21] **2,958,478**
[13] A1
[51] **Int.Cl. G06F 19/28 (2011.01) G06F 19/10 (2011.01) G06F 19/22 (2011.01) C12Q 1/68 (2006.01) H04L 9/32 (2006.01)**
[25] EN
[54] **SYNTHETIC GENOMIC VARIANT-BASED SECURE TRANSACTION DEVICES, SYSTEMS AND METHODS**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES DE TRANSACTION SECURISEE BASEE SUR UNE VARIANCE GENOMIQUE SYNTHETIQUE**
[72] SOON-SHIONG, PATRICK, US
[72] BENZ, STEPHEN, US
[72] CHATURVEDI, RAHUL, US
[71] SOON-SHIONG, PATRICK, US
[71] NANTOMICS, LLC, US
[71] NANT HOLDINGS IP, LLC, US
[85] 2017-02-16
[86] 2015-09-03 (PCT/US2015/048386)
[87] (WO2016/036969)
[30] US (62/045,062) 2014-09-03
[30] US (62/057,922) 2014-09-30
[30] US (62/062,023) 2014-10-09
[30] US (62/077,683) 2014-11-10
[30] US (62/137,129) 2015-03-23

---

[21] **2,958,656**
[13] A1
[51] **Int.Cl. B43K 24/08 (2006.01) B41J 29/26 (2006.01)**
[25] EN
[54] **A PRESS STRUCTURE FOR PRESS TYPE STATIONERY**
[54] **UNE STRUCTURE DE PRESSE DESTINEE A DE LA PAPETERIE DE TYPE PRODUITE SOUS PRESSE**
[72] WU, HANG, CN
[71] QUANZHOU YIYANG TWINGO STATIONERY CO., LTD., CN
[85] 2017-02-22
[86] 2015-11-09 (PCT/CN2015/094085)
[87] (2958656)

[21] **2,959,108**
[13] A1
[51] **Int.Cl. E01B 19/00 (2006.01) E01B 2/00 (2006.01)**
[25] FR
[54] **ANTI-NOISE FACILITY FOR TRACKED TRANSPORT ROAD AND TRACKED TRANSPORT ROAD PROVIDED WITH SUCH A FACILITY**
[54] **INSTALLATION ANTI-BRUIT POUR VOIE DE TRANSPORT GUIDE ET VOIE DE TRANSPORT GUIDE EQUIPEE D'UNE TELLE INSTALLATION**
[72] CLAVIER, EMILIE, FR
[72] LAPASSAT, CLAIRE, FR
[72] AUGIS, ERIC, FR
[72] WOUTS, IVAN, FR
[71] SYSTRA, FR
[85] 2017-02-23
[86] 2015-08-20 (PCT/FR2015/052240)
[87] (WO2016/038270)
[30] FR (1458462) 2014-09-10

[21] **2,959,137**
[13] A1
[51] **Int.Cl. E01B 25/28 (2006.01) E01B 2/00 (2006.01) E01D 2/00 (2006.01) E01D 19/12 (2006.01)**
[25] FR
[54] **GUIDED TRANSPORT PERMANENT WAY OVERPASS SPAN AND VIADUCT FORMED BY SUCH SPANS**
[54] **TRAVEE DE VOIE AERIENNE DE TRANSPORT GUIDE ET VIADUC FORME PAR DE TELLES TRAVEES**
[72] MONTENS, SERGE, FR
[71] SYSTRA, FR
[85] 2017-02-23
[86] 2015-08-20 (PCT/FR2015/052241)
[87] (WO2016/046461)
[30] FR (1458895) 2014-09-22

[21] **2,959,283**
[13] A1
[51] **Int.Cl. C12P 17/06 (2006.01) C12M 1/34 (2006.01) C12M 1/36 (2006.01) C12M 1/40 (2006.01) C12P 7/22 (2006.01) C12P 7/42 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR THE SIMULTANEOUS PRODUCTION OF CANNABINOID COMPOUNDS**
[54] **APPAREIL ET PROCEDES POUR LA PRODUCTION SIMULTANEE DE COMPOSES DE CANNABINOIDE**
[72] DONSKY, MARC, IE
[72] SUN, MINGYANG, IE
[72] PEET, RICHARD, IE
[72] WINNICKI, ROBERT, IE
[71] FULL SPECTRUM LABORATORIES LIMITED, IE
[85] 2017-02-24
[86] 2015-08-25 (PCT/IB2015/056445)
[87] (WO2016/030828)
[30] US (62/041,521) 2014-08-25

[21] **2,959,535**
[13] A1
[51] **Int.Cl. H04H 60/12 (2009.01) H04H 60/25 (2009.01)**
[25] EN
[54] **SYSTEMS AND METHODS TO RECLAIM UNUSED THROUGHPUT IN AN SDARS SYSTEM**
[54] **SYSTEMES ET PROCEDES DE RECUPERATION DE DEBIT NON UTILISE DANS UN SYSTEME SDARS**
[72] SCHELL, EDWARD, US
[72] SCARPA, CARL, US
[72] GOSLIN, JOHN, US
[71] SIRIUS XM RADIO INC., US
[85] 2017-02-27
[86] 2015-09-03 (PCT/US2015/048401)
[87] (WO2016/036981)
[30] US (62/045,385) 2014-09-03

[21] **2,959,668**
[13] A1
[51] **Int.Cl. G02B 21/00 (2006.01) A61B 90/20 (2016.01) A61F 9/007 (2006.01) A61F 9/013 (2006.01) G02B 27/00 (2006.01)**
[25] EN
[54] **GLARE REDUCTION IN A SURGICAL MICROSCOPE**
[54] **REDUCTION D'EBLOUISSEMENT DANS UN MICROSCOPE CHIRURGICAL**
[72] HEEREN, TAMMO, US
[71] NOVARTIS AG, CH
[85] 2017-02-28
[86] 2015-09-15 (PCT/US2015/050182)
[87] (WO2016/048715)
[30] US (14/496,446) 2014-09-25

[21] **2,960,092**
[13] A1
[51] **Int.Cl. A61K 39/295 (2006.01) A61K 39/12 (2006.01) A61P 31/14 (2006.01) A61P 37/04 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR INDUCING PROTECTIVE IMMUNITY AGAINST FILOVIRUS INFECTION**
[54] **PROCEDES ET COMPOSITIONS POUR INDUIRE UNE IMMUNITE PROTECTRICE CONTRE L'INFECTION PAR FILOVIRUS**
[72] VOLKMANN, ARIANE, DE
[72] STEIGERWALD, ROBIN, DE
[72] DIRMEIER, ULRIKE, DE
[72] PAU, MARIA GRAZIA, NL
[72] CALLENDRET, BENOIT CHRISTOPHE STEPHAN, NL
[72] WARD, LUCY A., US
[71] BAVARIAN NORDIC A/S, DK
[71] JANSSEN VACCINES & PREVENTION B.V., NL
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[85] 2017-03-02
[86] 2015-09-03 (PCT/US2015/048357)
[87] (WO2016/036955)
[30] US (62/045,522) 2014-09-03
[30] US (62/116,021) 2015-02-13
[30] US (62/189,109) 2015-07-06

[21] **2,960,096**
[13] A1
[51] **Int.Cl. A61K 39/12 (2006.01) A61P 37/04 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR ENHANCING IMMUNE RESPONSES**
[54] **PROCEDES ET COMPOSITIONS POUR AUGMENTER DES REPONSES IMMUNITAIRES**
[72] VOLKMANN, ARIANE, DE
[72] STEIGERWALD, ROBIN, DE
[72] DIRMEIER, ULRIKE, DE
[72] CALLENDRET, BENOIT CHRISTOPHE STEPHAN, NL
[72] DOUOGUIH, MACAYA JULIE, NL
[72] WARD, LUCY A., US
[71] BAVARIAN NORDIC A/S, DK
[71] JANSSEN VACCINES & PREVENTION B.V., NL
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[85] 2017-03-02
[86] 2015-09-03 (PCT/US2015/048388)
[87] (WO2016/036971)
[30] US (62/045,522) 2014-09-03
[30] US (62/116,021) 2015-02-13
[30] US (62/159,823) 2015-05-11
[30] US (62/189,109) 2015-07-06

---

[21] **2,960,228**
[13] A1
[51] **Int.Cl. A01J 25/12 (2006.01) A01J 25/13 (2006.01)**
[25] FR
[54] **CHEESE MOULDING DEVICE WITH AN ENHANCED LEVEL OF HYGIENE**
[54] **DISPOSITIF DE MOULAGE POUR FROMAGES A NIVEAU D'HYGIENE RENFORCE**
[72] COMTE, BRUNO, FR
[72] CALDOGUETTO, MICHEL, FR
[72] CHARBON, CHRISTOPHE, FR
[72] BERTHIER, ALBERT, FR
[71] ETABLISSEMENTS CHALON MEGARD, FR
[85] 2017-03-03
[86] 2015-09-17 (PCT/FR2015/052497)
[87] (WO2016/042272)
[30] FR (14/58815) 2014-09-18

---

[21] **2,960,690**
[13] A1
[51] **Int.Cl. E21B 23/01 (2006.01) E21B 23/10 (2006.01)**
[25] EN
[54] **APPARATUSES AND METHODS FOR LOCATION WITHIN A WELLBORE**
[54] **APPAREILLAGES ET METHODES DE REPERAGE DANS UN TROU DE FORAGE**
[72] WERRIES, MICHAEL, CA
[72] MONTERO, JUAN, CA
[71] NCS MULTISTAGE INC., CA
[85] 2016-11-28
[86] 2016-11-10 (PCT/CA2016/000278)
[87] (2960690)
[30] US (62/253,448) 2015-11-10
[30] US (62/355,063) 2016-06-27
[30] US (62/402,505) 2016-09-30

---

[21] **2,960,921**
[13] A1
[51] **Int.Cl. G06F 1/14 (2006.01) G06F 13/10 (2006.01)**
[25] EN
[54] **DEVICE SYNCHRONIZATION AND TESTING**
[54] **SYNCHRONISATION ET TEST DE DISPOSITIFS**
[72] COOTE, MATTHEW TIMOTHY, GB
[71] CENTRICA CONNECTED HOME LIMITED, GB
[85] 2017-03-10
[86] 2015-09-10 (PCT/GB2015/052625)
[87] (WO2016/038380)
[30] US (62/048,957) 2014-09-11

---

[21] **2,961,278**
[13] A1
[51] **Int.Cl. G01B 11/22 (2006.01) B23K 26/03 (2006.01)**
[25] EN
[54] **DEVICE FOR MEASURING THE DEPTH OF A WELD SEAM IN REAL TIME**
[54] **DISPOSITIF DE MESURE DE LA PROFONDEUR D'UN CORDON DE SOUDURE EN TEMPS REEL**
[72] MOSER, RUDIGER, DE
[72] BAUTZE, THIBAULT, DE
[72] SCHONLEBER, MARTIN, DE
[71] PRECITEC GMBH & CO. KG, DE
[85] 2017-03-14
[86] 2015-10-16 (PCT/EP2015/074024)
[87] (WO2016/062636)
[30] DE (10 2014 115 278.6) 2014-10-20

---

[21] **2,961,523**
[13] A1
[51] **Int.Cl. C12N 7/01 (2006.01) C12N 15/113 (2010.01) A61K 48/00 (2006.01) C07K 14/47 (2006.01) C12N 15/864 (2006.01)**
[25] EN
[54] **ADENO-ASSOCIATED VIRAL VECTORS FOR TREATING MYOCILIN (MYOC) GLAUCOMA**
[54] **VECTEURS VIRAUX ADENO-ASSOCIES POUR LE TRAITEMENT DU GLAUCOME A MYOCILINE (MYOC)**
[72] PECHAN, PETER, US
[72] SCARIA, ABRAHAM, US
[72] ARDINGER, JEFFERY, US
[71] GENZYME CORPORATION, US
[85] 2017-03-15
[86] 2015-09-16 (PCT/US2015/050515)
[87] (WO2016/044478)
[30] US (62/051,229) 2014-09-16

---

[21] **2,961,553**
[13] A1
[51] **Int.Cl. C12N 15/29 (2006.01) A01H 1/00 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) C07K 14/415 (2006.01) C07K 16/16 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **NEW PHYTOPHTHORA RESISTANCE GENE**
[54] **NOUVEAU GENE DE RESISTANCE A PHYTOPHTHORA**
[72] VOSSEN, JACOBUS HUBERTUS, NL
[72] JO, KWANG RYONG, NL
[72] VISSER, RICHARD GERARDUS FRANCISCUS, NL
[71] WAGENINGEN UNIVERSITEIT, NL
[85] 2017-03-16
[86] 2015-09-17 (PCT/NL2015/050646)
[87] (WO2016/043588)
[30] US (62/051,361) 2014-09-17

[21] **2,961,555**
[13] A1
[51] **Int.Cl. C12N 7/01 (2006.01) A01K 67/027 (2006.01) A61K 48/00 (2006.01) C12N 5/10 (2006.01) C12N 15/09 (2006.01) C12N 15/864 (2006.01) C12N 15/90 (2006.01)**
[25] EN
[54] **ADENO-ASSOCIATED VIRUS VECTOR VARIANTS FOR HIGH EFFICIENCY GENOME EDITING AND METHODS THEREOF**
[54] **VARIANTS DE VECTEUR DE VIRUS ADENOASSOCIE POUR UNE EDITION DE HAUTE EFFICACITE DU GENOME ET PROCEDES CORRESPONDANTS**
[72] CHATTERJEE, SASWATI, US
[72] SMITH, LAURA, US
[72] WONG, KAMEHAMEHA, US
[71] CITY OF HOPE, US
[85] 2017-03-15
[86] 2015-09-23 (PCT/US2015/051785)
[87] (WO2016/049230)
[30] US (62/054,899) 2014-09-24
[30] US (62/063,587) 2014-10-14
[30] US (62/209,862) 2015-08-25

---

[21] **2,961,563**
[13] A1
[51] **Int.Cl. G06F 19/22 (2011.01) G06F 19/10 (2011.01) G06F 19/26 (2011.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **METHODS OF ANALYZING MASSIVELY PARALLEL SEQUENCING DATA**
[54] **PROCEDES D'ANALYSE DE DONNEES DE SEQUENCAGE MASSIVEMENT PARALLELE**
[72] YOUNG, BRIAN A., US
[72] HEIZER, ESLEY M., JR., US
[72] MINARD-SMITH, ANGELA T., US
[72] MCMILLAN, NANCY J., US
[72] YAVAS, GOKHAN, US
[72] BORNMAN, DANIEL M., US
[71] BATTELLE MEMORIAL INSTITUTE, US
[85] 2017-03-16
[86] 2015-09-02 (PCT/US2015/048082)
[87] (WO2016/043974)
[30] US (14/489,198) 2014-09-17

---

[21] **2,961,573**
[13] A1
[51] **Int.Cl. A23J 1/14 (2006.01) A23J 3/14 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING AN OIL SEED PROTEIN MIX**
[54] **PROCEDE DE FABRICATION D'UN MELANGE DE PROTEINES DE GRAINES OLEAGINEUSES**
[72] JARAMILLO FREYDELL, GABRIEL ESTEBAN, NL
[72] VERKAIK, ANTONIUS GOSEN MARIA, NL
[72] SMOLDERS, GERARDUS JOHANNES FRANCISCUS, NL
[71] DSM IP ASSETS B.V., NL
[85] 2017-03-16
[86] 2015-09-16 (PCT/EP2015/071148)
[87] (WO2016/042001)
[30] EP (14185350.7) 2014-09-18

---

[21] **2,961,628**
[13] A1
[51] **Int.Cl. C07J 15/00 (2006.01) C07B 41/04 (2006.01) C07B 61/00 (2006.01) C07J 61/00 (2006.01) C07J 7/00 (2006.01)**
[25] EN
[54] **SYNTHESIS OF ENT-PROGESTERONE AND INTERMEDIATES THEREOF**
[54] **SYNTHESE DE L'ENANTIOMERE DE LA PROGESTERONE ET SES INTERMEDIAIRES**
[72] LEVY, DANIEL E., US
[72] CRAN, JOHN W., US
[71] PREVACUS, INC., US
[71] THE FLORIDA STATE UNIVERSITY RESEARCH FOUNDATION, INC., US
[85] 2017-03-16
[86] 2015-09-17 (PCT/US2015/050631)
[87] (WO2016/044558)
[30] US (62/051,900) 2014-09-17

---

[21] **2,961,630**
[13] A1
[51] **Int.Cl. C07J 21/00 (2006.01) A61K 31/56 (2006.01) A61K 31/57 (2006.01) A61K 31/58 (2006.01) A61P 25/00 (2006.01) C07J 7/00 (2006.01) C07J 13/00 (2006.01)**
[25] EN
[54] **C-20 STEROID COMPOUNDS, COMPOSITIONS AND USES THEREOF TO TREAT TRAUMATIC BRAIN INJURY (TBI), INCLUDING CONCUSSIONS**
[54] **COMPOSES STEROIDES EN C-20, COMPOSITIONS ET UTILISATIONS ASSOCIEES POUR TRAITER UNE LESION CEREBRALE TRAUMATIQUE (TBI), NOTAMMENT DES COMMOTIONS**
[72] LEVY, DANIEL E., US
[71] PREVACUS, INC., US
[85] 2017-03-16
[86] 2015-09-17 (PCT/US2015/050633)
[87] (WO2016/044559)
[30] US (62/051,898) 2014-09-17
[30] US (62/052,457) 2014-09-18

---

[21] **2,961,631**
[13] A1
[51] **Int.Cl. F04D 29/10 (2006.01) E21B 43/12 (2006.01) F04D 13/10 (2006.01) F16J 15/447 (2006.01) H02K 5/132 (2006.01)**
[25] EN
[54] **REDUNDANT ESP SEAL SECTION CHAMBERS**
[54] **CHAMBRES DE SECTION D'ETANCHEITE DE POMPE ELECTRIQUE SUBMERSIBLE REDONDANTES**
[72] COLLINS, CHARLES, US
[72] LE, JAMES, US
[71] GE OIL & GAS ESP, INC., US
[85] 2017-03-16
[86] 2015-09-17 (PCT/US2015/050663)
[87] (WO2016/044579)
[30] US (62/051,392) 2014-09-17

[21] **2,961,636**
[13] A1
[51] **Int.Cl. C12N 15/62 (2006.01) C07K 14/705 (2006.01) C07K 14/735 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01) C07K 19/00 (2006.01) C12N 5/10 (2006.01)**
[25] EN
[54] **TARGETING CYTOTOXIC CELLS WITH CHIMERIC RECEPTORS FOR ADOPTIVE IMMUNOTHERAPY**
[54] **CIBLAGE DE CELLULES CYTOTOXIQUES AVEC DES RECEPTEURS CHIMERIQUES POUR L'IMMUNOTHERAPIE ADOPTIVE**
[72] ENGELS, BORIS, US
[72] IDAMAKANTI, NEERAJA, US
[72] JUNE, CARL H., US
[72] LOEW, ANDREAS, US
[72] MILONE, MICHAEL C., US
[72] SONG, HUIJUAN, CN
[72] WANG, ENXIU, US
[72] WU, QILONG, US
[72] BEATTY, GREGORY, US
[71] NOVARTIS AG, CH
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[85] 2017-03-16
[86] 2015-09-17 (PCT/US2015/050715)
[87] (WO2016/044605)
[30] CN (PCT/CN2014/086694) 2014-09-17
[30] CN (PCT/CN2014/090578) 2014-11-07

[21] **2,961,641**
[13] A1
[51] **Int.Cl. C12N 1/21 (2006.01) C07K 14/32 (2006.01) C07K 19/00 (2006.01) C12N 15/31 (2006.01) C12N 15/62 (2006.01) C12N 15/75 (2006.01) C12P 21/02 (2006.01)**
[25] EN
[54] **FUSION PROTEINS, RECOMBINANT BACTERIA, AND METHODS FOR USING RECOMBINANT BACTERIA**
[54] **PROTEINES HYBRIDES, BACTERIES RECOMBINEES ET PROCEDES D'UTILISATION DE BACTERIES RECOMBINEES**
[72] THOMPSON, BRIAN, US
[72] SIEGEL, ASHLEY, US
[71] SPOGEN BIOTECH INC., US
[85] 2017-03-16
[86] 2015-09-17 (PCT/US2015/050807)
[87] (WO2016/044661)
[30] US (62/051,885) 2014-09-17

[21] **2,961,654**
[13] A1
[51] **Int.Cl. C12N 15/62 (2006.01) C07K 14/54 (2006.01) C07K 14/705 (2006.01) C07K 14/725 (2006.01) C07K 19/00 (2006.01) C12N 5/10 (2006.01) C12N 5/0783 (2010.01)**
[25] EN
[54] **COSTIMULATORY CHIMERIC ANTIGEN RECEPTOR T CELLS TARGETING IL13RA2**
[54] **LYMPHOCYTES T AVEC RECEPTEUR ANTIGENIQUE CHIMERIQUE COSTIMULATOIRE CIBLANT L'IL13RA2**
[72] BROWN, CHRISTINE E., US
[72] FORMAN, STEPHEN J., US
[71] CITY OF HOPE, US
[85] 2017-03-16
[86] 2015-09-18 (PCT/US2015/051089)
[87] (WO2016/044811)
[30] US (62/053,068) 2014-09-19

[21] **2,961,694**
[13] A1
[51] **Int.Cl. C07H 15/04 (2006.01) A61K 31/7028 (2006.01) A61K 31/715 (2006.01) A61K 39/00 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **VACCINES AGAINST STREPTOCOCCUS PNEUMONIAE SEROTYPE 8**
[54] **VACCINS CONTRE STREPTOCOCCUS PNEUMONIAE SEROTYPE 8**
[72] SEEBERGER, PETER, DE
[72] PEREIRA, CLANEY LEBEV, DE
[72] ANISH, CHAKKUMKAL, NL
[72] SCHUMANN, BENJAMIN, DE
[72] PARAMESWARAPPA, SHARAVATHI GUDDEHALLI, DE
[72] HAHM, HEUNG SIK, US
[72] GOVINDAN, SUBRAMANIAN, IN
[71] MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V., DE
[85] 2017-03-17
[86] 2015-09-28 (PCT/EP2015/072294)
[87] (WO2016/046420)
[30] EP (14186597.2) 2014-09-26
[30] EP (15163290.8) 2015-04-10

[21] **2,961,715**
[13] A1
[51] **Int.Cl. A61L 27/54 (2006.01) A61L 27/36 (2006.01)**
[25] EN
[54] **BONE REPAIR PRODUCT AND METHODS OF USE THEREOF**
[54] **PRODUIT DE REPARATION OSSEUSE ET SES PROCEDES D'UTILISATION**
[72] UVEGES, THOMAS E., US
[72] KUANG, JIN-QIANG, US
[72] DANILKOVITCH, ALLA, US
[72] SINCLAIR, S. MICHAEL, US
[72] GERAGHTY, SANDRA D., US
[71] OSIRIS THERAPEUTICS, INC., US
[85] 2017-03-17
[86] 2015-09-09 (PCT/US2015/049248)
[87] (WO2016/044030)
[30] US (62/053,063) 2014-09-19

[21] **2,961,725**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) G06F 19/20 (2011.01) C12M 1/34 (2006.01)**
[25] EN
[54] **A METHOD OF PREDICTING RISK OF RECURRENCE OF CANCER**
[54] **PROCEDE DE PREDICTION DU RISQUE DE RECIDIVE DE CANCER**
[72] BRACKEN, ADRIAN, IE
[72] LANIGAN, FIONA, IE
[72] GALLAGHER, WILLIAM, IE
[71] THE PROVOST, FELLOWS, FOUNDATION SCHOLARS, & THE OTHER MEMBERS OF BOARD, OF THE COLLEGE OF THE HOLY AND UNDIV. TRINITY OF QUEEN ELIZABETH, NEAR DUBLIN, IE
[71] UNIVERSITY COLLEGE DUBLIN, NATIONAL UNIVERSITY OF IRELAND, DUBLIN, IE
[85] 2017-03-17
[86] 2015-09-18 (PCT/EP2015/071524)
[87] (WO2016/042164)
[30] EP (14185673.2) 2014-09-19

[21] **2,961,733**
[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) A01H 5/00 (2006.01) A01N 63/02 (2006.01) A01P 7/04 (2006.01) C07H 21/00 (2006.01) C12N 1/21 (2006.01) C12N 5/10 (2006.01) C12N 15/63 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS TO CONTROL INSECT PESTS**
[54] **COMPOSITIONS ET PROCEDES DE LUTTE CONTRE DES INSECTES RAVAGEURS**
[72] HU, XU, US
[72] PRESNAIL, JAMES KEVIN, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[71] E I DU PONT DE NEMOURS AND COMPANY, US
[85] 2017-03-17
[86] 2015-09-11 (PCT/US2015/049678)
[87] (WO2016/044092)
[30] US (62/051,901) 2014-09-17

[21] **2,961,749**
[13] A1
[51] **Int.Cl. C12N 5/0783 (2010.01) C07K 16/00 (2006.01) C07K 16/28 (2006.01) C12N 13/00 (2006.01) C12Q 1/68 (2006.01) G01N 33/574 (2006.01) C40B 30/04 (2006.01)**
[25] EN
[54] **REAGENTS AND METHODS FOR IDENTIFYING, ENRICHING, AND/OR EXPANDING ANTIGEN-SPECIFIC T CELLS**
[54] **REACTIFS ET METHODES D'IDENTIFICATION, D'ENRICHISSEMENT, ET/OU D'EXPANSION DE CELLULES T SPECIFIQUES D'ANTIGENES**
[72] SCHNECK, JONATHAN, US
[72] PERICA, KARLO, US
[72] GLICK BIELER, JOAN, US
[72] OELKE, MATHIAS, US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[85] 2017-03-17
[86] 2015-09-17 (PCT/US2015/050593)
[87] (WO2016/044530)
[30] US (62/051,660) 2014-09-17
[30] US (62/170,541) 2015-06-03

[21] **2,961,750**
[13] A1
[51] **Int.Cl. C07K 14/475 (2006.01) A61K 38/18 (2006.01) A61P 35/00 (2006.01) C07K 14/47 (2006.01) C07K 16/22 (2006.01) C12N 15/12 (2006.01)**
[25] EN
[54] **PROTEIN COMPRISING A COLLAGEN DOMAIN OF CCBE1 AND USES THEREOF**
[54] **PROTEINE COMPRENANT UN DOMAINE DE COLLAGENE DE LA CCBE1 ET SES UTILISATIONS**
[72] ROUKENS, M. GUY, NL
[72] SCHULTE-MERKER, STEFAN, NL
[72] SCHULTE, DORTE, NL
[71] KONINKLIJKE NEDERLANDSE AKADEMIE VAN WETENSCHAPPEN, NL
[85] 2017-03-17
[86] 2015-09-18 (PCT/NL2015/050649)
[87] (WO2016/043591)
[30] EP (14185622.9) 2014-09-19

[21] **2,961,837**
[13] A1
[51] **Int.Cl. A61F 2/24 (2006.01) A61F 2/95 (2013.01) A61F 2/82 (2013.01) A61L 27/54 (2006.01) A61L 31/16 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR REPLACING AN INFLAMED OR INFECTED HEART VALVE**
[54] **SYSTEME ET METHODE DE REMPLACEMENT D'UNE VALVULE CARDIAQUE ENFLAMMEE OU INFECTEE**
[72] LAUTEN, ALEXANDER, DE
[72] FIGULLA, HANS REINER, DE
[71] LAUTEN, ALEXANDER, DE
[71] FIGULLA, HANS REINER, DE
[85] 2017-03-20
[86] 2015-06-29 (PCT/EP2015/064745)
[87] (WO2016/045808)
[30] EP (14186172.4) 2014-09-24

[21] **2,961,879**
[13] A1
[51] **Int.Cl. A23L 33/00 (2016.01) A23L 33/115 (2016.01) A23L 33/125 (2016.01) A23L 33/135 (2016.01) A23L 33/17 (2016.01) A23L 33/21 (2016.01)**
[25] EN
[54] **NUTRITIONAL COMPOSITION FOR GASTROINTESTINAL ENVIRONMENT TO PROVIDE IMPROVED MICROBIOME AND METABOLIC PROFILE**
[54] **COMPOSITION NUTRITIONNELLE POUR LE MILIEU GASTRO-INTESTINAL PERMETTANT D'OBTENIR UN MICROBIOME ET UN PROFIL METABOLIQUE AMELIORES**
[72] CHICHLOWSKI, MACIEJ, US
[72] BERG, BRIAN, US
[71] MJN U.S. HOLDINGS LLC, US
[85] 2017-03-20
[86] 2015-09-02 (PCT/US2015/048067)
[87] (WO2016/053563)
[30] US (14/503,555) 2014-10-01

[21] **2,961,906**
[13] A1
[51] **Int.Cl. B23K 9/09 (2006.01) H02M 1/40 (2007.01) H02M 7/487 (2007.01) B23K 9/10 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS INCLUDING A BALANCED DC BUS FOR PROVIDING POWER IN AN ARC WELDER**
[54] **PROCEDE ET APPAREIL COMPRENANT UN BUS A COURANT CONTINU EQUILIBRE POUR FOURNIR DE L'ENERGIE DANS UN DISPOSITIF DE SOUDAGE A L'ARC**
[72] SCHARTNER, QUINN W., US
[72] VOGEL, BERNARD J., US
[72] NELSON, ANDREW D., US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2017-03-20
[86] 2015-10-13 (PCT/US2015/055181)
[87] (WO2016/073145)
[30] US (14/535,994) 2014-11-07

[21] **2,961,909**
[13] A1
[51] **Int.Cl. B23K 9/09 (2006.01) H02M 1/40 (2007.01) H02M 7/487 (2007.01) B23K 9/10 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS INCLUDING FLUX BALANCING FOR PROVIDING POWER IN AN ARC WELDER**
[54] **PROCEDE ET APPAREIL COMPRENANT UNE BARRE OMNIBUS POUR COURANT CONTINU EQUILIBRE A DES FINS DE FOURNITURE D'ENERGIE DANS UNE SOUDEUSE A ARC ELECTRIQUE**
[72] SCHARTNER, QUINN W., US
[72] VOGEL, BERNARD J., US
[72] NELSON, ANDREW D., US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2017-03-20
[86] 2015-10-13 (PCT/US2015/055182)
[87] (WO2016/073146)
[30] US (14/536,058) 2014-11-07

---

[21] **2,961,913**
[13] A1
[51] **Int.Cl. C12N 15/86 (2006.01) C12N 7/00 (2006.01) C12N 7/01 (2006.01) C12N 15/34 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **PICHINDE VIRUS REVERSE GENETICS SYSTEM AND METHODS OF USE**
[54] **SYSTEME DE GENETIQUE INVERSE ASSOCIE AU VIRUS PICHINDE ET SES PROCEDES D'UTILISATION**
[72] LY, HINH, US
[72] LIANG, YUYING, US
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
[85] 2017-03-20
[86] 2015-09-22 (PCT/US2015/051337)
[87] (WO2016/048949)
[30] US (62/053,443) 2014-09-22

---

[21] **2,961,919**
[13] A1
[51] **Int.Cl. B23K 9/10 (2006.01) B23K 9/32 (2006.01) H01H 1/38 (2006.01) H01H 1/44 (2006.01) H01R 9/11 (2006.01) H01R 13/00 (2006.01) H01R 13/187 (2006.01)**
[25] EN
[54] **ELECTRICAL CONTACT FOR MIG WELDING TORCH**
[54] **CONTACT ELECTRIQUE POUR CHALUMEAU DE SOUDAGE DE METAL SOUS GAZ INERTE**
[72] BASIT, NAUMAN, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2017-03-20
[86] 2015-10-04 (PCT/US2015/053904)
[87] (WO2016/073094)
[30] US (14/534,408) 2014-11-06

---

[21] **2,961,987**
[13] A1
[51] **Int.Cl. C07K 14/705 (2006.01) A61K 39/00 (2006.01) C07K 16/28 (2006.01) C07K 16/46 (2006.01) C07K 19/00 (2006.01) C12N 15/12 (2006.01) C12N 15/13 (2006.01) C12N 15/62 (2006.01)**
[25] EN
[54] **PD-L1 ANTIBODIES BINDING CANINE PD-L1**
[54] **ANTICORPS PD-L1 DE LIAISON A PD-L1 CANIN**
[72] MORSEY, MOHAMAD, US
[72] ZHANG, YUANZHENG, US
[72] BARTELS - MOROZOV, DENISE, US
[72] ERSKINE, JASON, US
[72] TARPEY, IAN, GB
[71] INTERVET INTERNATIONAL B.V., NL
[85] 2017-03-21
[86] 2015-09-29 (PCT/EP2015/072324)
[87] (WO2016/050721)
[30] US (62/057,541) 2014-09-30
[30] US (62/172,511) 2015-06-08

---

[21] **2,962,024**
[13] A1
[51] **Int.Cl. E21B 43/22 (2006.01) C09K 8/592 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **THERMALLY UNSTABLE AMMONIUM CARBOXYLATES FOR ENHANCED OIL RECOVERY**
[54] **CARBOXYLATES D'AMMONIUM THERMIQUEMENT INSTABLES POUR UNE RECUPERATION AMELIOREE DU PETROLE**
[72] WILLIAMSON, ALEXANDER, US
[72] YOUNG, TIMOTHY J., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2017-03-17
[86] 2015-09-08 (PCT/US2015/048787)
[87] (WO2016/048637)
[30] US (62/053,446) 2014-09-22

---

[21] **2,962,027**
[13] A1
[51] **Int.Cl. A61F 2/04 (2013.01) A61L 27/30 (2006.01) A61L 27/40 (2006.01)**
[25] EN
[54] **ORTHOTOPIC ARTIFICIAL BLADDER ENDOPROSTHESIS**
[54] **ENDOPROTHESE DE VESSIE ARTIFICIELLE ORTHOTOPIQUE**
[72] SAMBUSSETI, ANTONIO, IT
[72] CANCARINI, GIANNI, IT
[71] SAMBUSSETI, ANTONIO, IT
[71] CANCARINI, GIANNI, IT
[85] 2017-03-21
[86] 2015-09-28 (PCT/IB2015/057424)
[87] (WO2016/051330)
[30] IT (MI2014A001706) 2014-09-30

[21] **2,962,100**
[13] A1
[51] **Int.Cl. C12N 15/86 (2006.01) C12N 15/113 (2010.01) A61K 35/76 (2015.01) A61P 37/04 (2006.01) C12N 7/01 (2006.01) C12N 15/33 (2006.01) C12N 15/39 (2006.01) C12N 15/863 (2006.01) C12P 21/02 (2006.01)**
[25] EN
[54] **VIRUS-BASED EXPRESSION VECTORS AND USES THEREOF**
[54] **VECTEURS D'EXPRESSION A BASE DE VIRUS ET LEUR UTILISATION**
[72] MOSS, BERNARD, US
[72] WYATT, LINDA S., US
[71] THE USA, AS REPRESENTED BY THE SECRETARY, DEPT. OF HEALTH AND HUMAN SERVICES, US
[85] 2017-03-21
[86] 2015-09-25 (PCT/US2015/052295)
[87] (WO2016/049492)
[30] US (62/055,989) 2014-09-26

---

[21] **2,962,119**
[13] A1
[51] **Int.Cl. C12Q 1/37 (2006.01) C12N 9/52 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **METHOD FOR ANALYSING AGGREGATES IN ANTIBODY SAMPLES**
[54] **PROCEDE D'ANALYSE D'AGREGATS DANS DES ECHANTILLONS D'ANTICORPS**
[72] FREDRIKSSON, SARAH, SE
[72] SANDBERG, MAGDALENA WIDGREN, SE
[72] OLSSON, FREDRIK, SE
[71] GENOVIS AB, SE
[85] 2017-03-22
[86] 2015-09-22 (PCT/EP2015/071771)
[87] (WO2016/046220)
[30] GB (1416849.6) 2014-09-24

---

[21] **2,962,182**
[13] A1
[51] **Int.Cl. A23L 33/21 (2016.01) A23L 33/00 (2016.01) A23L 33/15 (2016.01) A23L 33/16 (2016.01) A21D 2/02 (2006.01) A21D 2/18 (2006.01) A21D 2/24 (2006.01) A23L 2/52 (2006.01) A61K 8/00 (2006.01) A61K 31/714 (2006.01) A61K 31/733 (2006.01) A61K 33/04 (2006.01) C09B 1/00 (2006.01)**
[25] EN
[54] **PREBIOTIC INULIN BASED PREPARATION**
[54] **PREPARATION PREBIOTIQUE A BASE D'INULINE**
[72] TERENZIO, DOMENICO, IT
[72] RASTRELLI, LUCA, IT
[72] PARISELLA, CHIARA, IT
[71] DOM TERRY INTERNATIONAL S.R.L., IT
[85] 2017-03-22
[86] 2015-09-21 (PCT/IB2015/057265)
[87] (WO2016/046727)
[30] IT (MI2014A001648) 2014-09-23

---

[21] **2,962,314**
[13] A1
[51] **Int.Cl. C02F 3/30 (2006.01) C02F 3/02 (2006.01) C02F 3/34 (2006.01) C02F 3/10 (2006.01)**
[25] EN
[54] **ANAMMOX PROCESS AT WASTE WATER PLANT**
[54] **PROCEDE ANAMMOX DANS UNE STATION D'EPURATION D'EAUX USEES**
[72] CHRISTENSSON, MAGNUS, SE
[72] WELANDER, THOMAS, SE
[72] PICULELL, MARIA, SE
[71] VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT, FR
[85] 2017-03-21
[86] 2015-09-24 (PCT/EP2015/072008)
[87] (WO2016/046330)
[30] SE (1451128-1) 2014-09-24

---

[21] **2,962,322**
[13] A1
[51] **Int.Cl. C11B 9/02 (2006.01) A23L 27/10 (2016.01) B01D 11/04 (2006.01)**
[25] EN
[54] **PROCESS FOR THE FRACTIONATION OF ESSENTIAL OILS**
[54] **PROCEDE DESTINE A FRACTIONER DES HUILES ESSENTIELLES**
[72] MARRIOTT, RAYMOND, GB
[71] SENSIENT FLAVORS LTD, GB
[85] 2017-03-23
[86] 2015-09-29 (PCT/EP2015/072454)
[87] (WO2016/050783)
[30] EP (14187514.6) 2014-10-02

---

[21] **2,962,331**
[13] A1
[51] **Int.Cl. C12N 15/11 (2006.01) C12N 15/113 (2010.01) C07H 21/00 (2006.01) C12N 15/63 (2006.01) C12Q 1/68 (2006.01)**
[25] FR
[54] **METHOD FOR SCREENING INTERFERING MOLECULES**
[54] **PROCEDE DE CRIBLAGE DE MOLECULES INTERFERENTES**
[72] BIENVENU, FREDERIC, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[71] UNIVERSITE DE MONTPELLIER, FR
[85] 2017-03-23
[86] 2015-09-28 (PCT/FR2015/052572)
[87] (WO2016/046508)
[30] FR (1459151) 2014-09-26

[21] **2,962,365**
[13] A1
[51] **Int.Cl. G01N 21/51 (2006.01) G01N 21/03 (2006.01) G01N 21/59 (2006.01)**
[25] EN
[54] **APPARATUS FOR OPTICAL INSPECTION OF SMALL VOLUMES OF LIQUID SAMPLE AND CUVETTES THEREFOR**
[54] **APPAREIL POUR L'INSPECTION OPTIQUE DE PETITS VOLUMES D'ECHANTILLON LIQUIDE ET CUVETTES A CET EFFET**
[72] LANGHOFF, BRIAN REUBEN, US
[72] FOX, WILLIAM ALAN, US
[72] SMITH, KERRY LYNN, US
[71] BD KIESTRA B.V., NL
[85] 2017-03-23
[86] 2015-09-29 (PCT/IB2015/002072)
[87] (WO2016/051267)
[30] US (62/056,911) 2014-09-29

---

[21] **2,962,385**
[13] A1
[51] **Int.Cl. A01N 65/26 (2009.01) A01N 43/08 (2006.01) A01N 43/90 (2006.01) A01N 63/04 (2006.01) A01P 7/00 (2006.01)**
[25] EN
[54] **PEST CONTROL FORMULATION OF NEEM AND BEAUVERIA BASSIANA AND METHODS OF MAKING AND USING SAME**
[54] **FORMULATION DE NEEM ET DE BEAUVERIA BASSIANA ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] MAZARIEGOS, LUIS AUGUSTO, US
[71] MAZARIEGOS, LUIS AUGUSTO, US
[85] 2017-03-23
[86] 2015-09-23 (PCT/IB2015/057342)
[87] (WO2016/046772)
[30] US (14/494,199) 2014-09-23

---

[21] **2,962,407**
[13] A1
[51] **Int.Cl. E04F 11/18 (2006.01) E06B 3/58 (2006.01)**
[25] EN
[54] **MOUNT FOR A PANEL**
[54] **SUPPORT POUR UN PANNEAU**
[72] SPENCE, JOHN SCOTT, NZ
[72] AUSTIN, WAYNE EDWARD, AU
[71] HARDWARE AND GLASS GROUP PTY LIMITED, CN
[71] STAINLESS OUTDOORS LIMITED, NZ
[71] SPENCE, JOHN SCOTT, NZ
[71] AUSTIN, WAYNE EDWARD, AU
[85] 2017-03-23
[86] 2014-09-29 (PCT/NZ2014/000209)
[87] (WO2015/047109)
[30] NZ (616060) 2013-09-27

---

[21] **2,962,428**
[13] A1
[51] **Int.Cl. B60N 2/06 (2006.01) B60N 2/14 (2006.01) B64D 11/06 (2006.01)**
[25] EN
[54] **AIRCRAFT SEAT**
[54] **SIEGE D'AERONEF**
[72] ERHEL, PHILIPPE, CA
[71] BOMBARDIER INC., CA
[85] 2017-03-23
[86] 2015-09-24 (PCT/US2015/052002)
[87] (WO2016/049346)
[30] GB (1417012.0) 2014-09-26

---

[21] **2,962,436**
[13] A1
[51] **Int.Cl. B61L 23/06 (2006.01) G08B 21/02 (2006.01)**
[25] EN
[54] **FAILSAFE RAIL MOUNTED SHUNT DEVICE**
[54] **DISPOSITIF DE DERIVATION MONTE SUR RAIL A SECURITE INTEGREE**
[72] BARTEK, PETER, MICHAEL, US
[72] DAVIS, MICHAEL, STEPHEN, US
[71] HARSCO TECHNOLOGIES LLC, US
[85] 2017-03-23
[86] 2015-10-02 (PCT/US2015/053708)
[87] (WO2016/054500)
[30] US (62/071,816) 2014-10-03
[30] US (62/215,858) 2015-09-09

---

[21] **2,962,439**
[13] A1
[51] **Int.Cl. B61L 23/34 (2006.01) B61L 25/02 (2006.01)**
[25] EN
[54] **V-AWARE END OF TRAIN DEVICE**
[54] **DISPOSITIF DE QUEUE DE TRAIN DE RECONNAISSANCE DE VEHICULE**
[72] BARTEK, PETER MICHAEL, US
[71] HARSCO TECHNOLOGIES LLC, US
[85] 2017-03-23
[86] 2015-10-02 (PCT/US2015/053702)
[87] (WO2016/054495)
[30] US (62/071,815) 2014-10-03

---

[21] **2,962,440**
[13] A1
[51] **Int.Cl. A61K 38/08 (2006.01) A61P 35/00 (2006.01) C07K 7/06 (2006.01) A61K 51/08 (2006.01)**
[25] EN
[54] **METHODS OF TREATING CANCER WITH TUBULYSIN CONJUGATES**
[54] **PROCEDES DE TRAITEMENT DU CANCER AVEC DES CONJUGUES DE TUBULYSINE**
[72] LEAMON, CHRISTOPHER PAUL, US
[72] REDDY, JOSEPH ANAND, US
[72] NGUYEN, BINH, US
[72] BLOOMFIELD, ALICIA, US
[72] NELSON, MELISSA, US
[72] DORTON, RYAN, US
[71] ENDOCYTE, INC., US
[85] 2017-03-23
[86] 2015-09-24 (PCT/US2015/051941)
[87] (WO2016/049313)
[30] US (62/055,314) 2014-09-25
[30] US (62/065,423) 2014-10-17
[30] US (62/126,581) 2015-02-28
[30] US (62/149,927) 2015-04-20
[30] US (62/160,304) 2015-05-12
[30] US (62/166,332) 2015-05-26
[30] US (62/220,455) 2015-09-18

[21] **2,962,445**
[13] A1
[51] **Int.Cl. B22D 17/30 (2006.01) B22D 17/32 (2006.01) B22D 39/00 (2006.01) F04D 7/06 (2006.01) F04D 15/00 (2006.01)**
[25] EN
[54] **MOLD PUMP**
[54] **POMPE DE MOULE**
[72] TIPTON, JON, US
[72] HORSFALL, ANDREW, US
[72] FRITZKE, JAY, US
[72] HENDERSON, RICHARD S., US
[71] PYROTEK, INC., US
[85] 2017-03-23
[86] 2015-09-25 (PCT/US2015/052244)
[87] (WO2016/049468)
[30] US (62/055,921) 2014-09-26
[30] US (62/076,057) 2014-11-06
[30] US (62/193,166) 2015-07-16

---

[21] **2,962,450**
[13] A1
[51] **Int.Cl. B23K 9/067 (2006.01) B23K 9/09 (2006.01) B23K 9/167 (2006.01)**
[25] EN
[54] **WELDING TYPE POWER SUPPLY FOR TIG STARTS**
[54] **ALIMENTATION ELECTRIQUE DE SOUDAGE POUR DEMARRAGE TIG**
[72] SCHARTNER, QUINN W., US
[72] VOGEL, BERNARD J., US
[72] NELSON, ANDREW D., US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2017-03-23
[86] 2015-10-04 (PCT/US2015/053906)
[87] (WO2016/073095)
[30] US (14/535,917) 2014-11-07

---

[21] **2,962,467**
[13] A1
[51] **Int.Cl. C08L 71/10 (2006.01) C08K 3/04 (2006.01) C08K 7/00 (2006.01)**
[25] EN
[54] **ULTRAHIGH LOADING OF CARBON NANOTUBES IN STRUCTURAL RESINS**
[54] **CHARGEMENT ULTRA-ELEVE DE NANOTUBES DE CARBONE DANS DES RESINES STRUCTURELLES**
[72] SILVERMAN, EDWARD M., US
[72] PENG, HSIAO-HU, US
[71] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
[85] 2017-03-23
[86] 2015-11-02 (PCT/US2015/058579)
[87] (WO2016/073337)
[30] US (14/534,464) 2014-11-06

---

[21] **2,962,475**
[13] A1
[51] **Int.Cl. B23K 9/013 (2006.01) B23K 9/067 (2006.01) B23K 9/073 (2006.01) B23K 9/095 (2006.01) B23K 9/10 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR AIR CARBON ARC CUTTING**
[54] **PROCEDE ET APPAREIL POUR COUPAGE A L'ARC AVEC ELECTRODE DE CARBONE**
[72] SCHARTNER, QUINN W., US
[72] VOGEL, BERNARD J., US
[72] NELSON, ANDREW D., US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2017-03-23
[86] 2015-10-04 (PCT/US2015/053908)
[87] (WO2016/073097)
[30] US (14/536,140) 2014-11-07

---

[21] **2,962,481**
[13] A1
[51] **Int.Cl. B23K 9/10 (2006.01) H01F 38/08 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PROVIDING AUXILIARY AND WELDING TYPE POWER WITH THERMAL PROTECTION**
[54] **PROCEDE ET APPAREIL POUR FOURNIR UNE ALIMENTATION AUXILIAIRE ET DU TYPE SOUDAGE DOTEE D'UNE PROTECTION THERMIQUE**
[72] SCHWARTZ, BRIAN A., US
[72] SCHARTNER, QUINN W., US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2017-03-23
[86] 2015-10-04 (PCT/US2015/053909)
[87] (WO2016/073098)
[30] US (14/535,773) 2014-11-07

---

[21] **2,962,499**
[13] A1
[51] **Int.Cl. E02F 9/20 (2006.01) E02F 3/43 (2006.01) E02F 9/26 (2006.01) E21C 33/02 (2006.01)**
[25] EN
[54] **ARRANGEMENT FOR CONTROLLING A WORK MACHINE**
[54] **AGENCEMENT DE COMMANDE D'UN ENGIN DE CHANTIER**
[72] LEHTINEN, ANTTI, FI
[72] MAKELA, HANNU, FI
[71] SANDVIK MINING AND CONSTRUCTION OY, FI
[85] 2017-03-24
[86] 2014-10-13 (PCT/EP2014/071871)
[87] (WO2016/058625)

[21] **2,962,500**
[13] A1
[51] **Int.Cl. A61K 31/575 (2006.01) A61K 31/58 (2006.01) A61P 3/06 (2006.01)**
[25] EN
[54] **OXYGENATED CHOLESTEROL SULFATES FOR THERAPY OF DISORDERS CAUSED BY AT LEAST ONE OF ATTENUATED LEPTIN ACTIVITY AND A LIPID STORAGE DISORDER**
[54] **SULFATES DE CHOLESTEROL OXYGENES POUR LE TRAITEMENT DE TROUBLES CAUSES PAR UNE DIMINUTION DE L'ACTIVITE DE LA LEPTINE OU UN TROUBLE DE STOCKAGE DES LIPIDES, OU LES DEUX**
[72] REN, SHUNLIN, US
[72] KIM, JIN KOUNG, US
[71] VIRGINIA COMMONWEALTH UNVERSITY, US
[85] 2017-03-23
[86] 2015-10-13 (PCT/US2015/055262)
[87] (WO2016/058000)
[30] US (62/062,260) 2014-10-10

---

[21] **2,962,507**
[13] A1
[51] **Int.Cl. C23C 4/134 (2016.01) C23C 4/08 (2016.01) H01L 35/12 (2006.01) H01L 35/34 (2006.01)**
[25] EN
[54] **PLASMA COATING OF THERMOELECTRIC ACTIVE MATERIAL WITH NICKEL AND TIN**
[54] **APPLICATION PAR PLASMA D'UN REVETEMENT DE NICKEL ET D'ETAIN SUR UN MATERIAU ACTIF THERMOELECTRIQUE**
[72] BUSSE, JENS, DE
[72] HOCH, SASCHA, DE
[72] KERN, MAGDALENA, DE
[72] GIESSELER, MAREIKE, DE
[72] SCHULTZ, THORSTEN, DE
[72] STENNER, PATRIK, DE
[71] EVONIK DEGUSSA GMBH, DE
[85] 2017-03-24
[86] 2015-09-29 (PCT/EP2015/072427)
[87] (WO2016/050770)
[30] DE (10 2014 219 756.2) 2014-09-30

---

[21] **2,962,523**
[13] A1
[51] **Int.Cl. E21D 9/12 (2006.01) E21C 27/24 (2006.01) E21C 35/20 (2006.01) E21D 9/10 (2006.01)**
[25] EN
[54] **CUTTING APPARATUS USING A CLEARING ARRANGEMENT**
[54] **UNITE DE COUPE UTILISANT UN SYSTEME DE DEBLAIEMENT**
[72] BRANDL, ERICH, AT
[72] EBNER, BERNHARD, AT
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
[85] 2017-03-24
[86] 2015-10-02 (PCT/EP2015/072851)
[87] (WO2016/055383)
[30] EP (PCT/EP2014/071334) 2014-10-06

---

[21] **2,962,531**
[13] A1
[51] **Int.Cl. A61K 9/14 (2006.01) A61K 9/72 (2006.01) A61K 47/26 (2006.01) A61P 11/00 (2006.01)**
[25] EN
[54] **COMPOSITION COMPRISING AT LEAST ONE DRY POWDER OBTAINED BY SPRAY DRYING TO INCREASE THE STABILITY OF THE FORMULATION**
[54] **COMPOSITION COMPRENANT AU MOINS UNE POUDRE SECHE OBTENUE PAR SECHAGE PAR PULVERISATION POUR AUGMENTER LA STABILITE DE LA FORMULATION**
[72] MAGGI, LORETTA, IT
[72] CAPONETTI, GIOVANNI, IT
[72] BUTTI, HEIKE, IT
[72] VENEZIANI, CRISTINA, IT
[72] ZANELLOTTI, LAURA, IT
[71] ERATECH S.R.L., IT
[85] 2017-03-24
[86] 2015-10-07 (PCT/EP2015/073188)
[87] (WO2016/055544)
[30] IT (MI2014A001761) 2014-10-08

---

[21] **2,962,540**
[13] A1
[51] **Int.Cl. A61K 9/51 (2006.01) A61K 47/30 (2006.01)**
[25] EN
[54] **STEALTH, TARGETED NANOPARTICLES (STN) FOR ORAL DRUG DELIVERY**
[54] **NANOPARTICULES CIBLEES FURTIVES (STN) POUR ADMINISTRATION DE MEDICAMENT PAR VOIE ORALE**
[72] CHAUDHARY, MANU, IN
[71] CHAUDHARY, MANU, IN
[85] 2017-03-24
[86] 2015-09-22 (PCT/IN2015/050114)
[87] (WO2016/046845)
[30] IN (2752/DEL/2014) 2014-09-25

---

[21] **2,962,556**
[13] A1
[51] **Int.Cl. B60J 5/04 (2006.01)**
[25] EN
[54] **REINFORCEMENT ELEMENT FOR A VEHICLE, METHOD FOR PRODUCING THE SAME AND DOOR ASSEMBLY**
[54] **ELEMENT DE RENFORT POUR UN VEHICULE, PROCEDE POUR SA PRODUCTION ET ENSEMBLE DE PORTE**
[72] SCHNEIDER, NICOLAS, FR
[72] DROUADAINE, YVES, FR
[71] ARCELORMITTAL, LU
[85] 2017-03-24
[86] 2015-09-22 (PCT/IB2015/057283)
[87] (WO2016/046736)
[30] IB (PCT/IB2014/064734) 2014-09-22

---

[21] **2,962,585**
[13] A1
[51] **Int.Cl. B60N 2/06 (2006.01) B60N 2/14 (2006.01) B60N 2/34 (2006.01) B64D 11/06 (2006.01)**
[25] EN
[54] **AIRCRAFT SEAT**
[54] **SIEGE D'AERONEF**
[72] ERHEL, PHILIPPE, CA
[72] MEISTER, PETE, US
[71] BOMBARDIER INC., CA
[85] 2017-03-24
[86] 2015-09-24 (PCT/US2015/052021)
[87] (WO2016/049356)
[30] US (62/055,439) 2014-09-25

[21] **2,962,604**
[13] A1
[51] **Int.Cl. C08H 7/00 (2011.01) C08L 97/00 (2006.01)**
[25] EN
[54] **METHODS FOR PREPARING AND COLLECTING POLYAROMATIC COMPOUNDS, AND PRODUCTS COMPRISING POLYAROMATIC COMPOUNDS**
[54] **PROCEDES DE PREPARATION ET DE COLLECTE DE COMPOSES POLYAROMATIQUES, ET PRODUITS COMPRENANT DES COMPOSES POLYAROMATIQUES**
[72] CAPANEMA, EWELLYN A., US
[72] BALAKSHIN, MIKHAIL Y., US
[72] KOSA, MATYAS, CA
[72] HARRIS, STEPHEN HERBERT, US
[71] RENMATIX, INC., US
[85] 2017-03-24
[86] 2015-09-25 (PCT/US2015/052422)
[87] (WO2016/049564)
[30] US (62/056,072) 2014-09-26
[30] US (62/166,841) 2015-05-27

---

[21] **2,962,606**
[13] A1
[51] **Int.Cl. C08B 15/00 (2006.01) C08H 8/00 (2010.01) C08J 3/00 (2006.01) C08J 11/10 (2006.01) C09J 11/08 (2006.01)**
[25] EN
[54] **CELLULOSE-CONTAINING COMPOSITIONS AND METHODS OF MAKING SAME**
[54] **COMPOSITIONS CONTENANT DE LA CELLULOSE ET LEURS PROCEDES DE PRODUCTION**
[72] CAPANEMA, EWELLYN A., US
[72] BALAKSHIN, MIKHAIL Y., US
[72] FITZGIBBON, PATRICK DAVID, US
[72] MCLARTY, TODD MICHAEL, US
[72] SANDERSON, CHARLES SEBASTIAN, US
[72] KOSA, MATYAS, CA
[71] RENMATIX, INC., US
[85] 2017-03-24
[86] 2015-09-25 (PCT/US2015/052435)
[87] (WO2016/049567)
[30] US (62/056,072) 2014-09-26

---

[21] **2,962,611**
[13] A1
[51] **Int.Cl. C09J 11/08 (2006.01) C09J 11/06 (2006.01) C09J 161/12 (2006.01)**
[25] EN
[54] **ADHESIVE COMPOSITIONS COMPRISING TYPE-II CELLULOSE**
[54] **COMPOSITIONS ADHESIVES COMPRENANT DE LA CELLULOSE DE TYPE II**
[72] CAPANEMA, EWELLYN A., US
[72] BALAKSHIN, MIKHAIL Y., US
[71] RENMATIX, INC., US
[85] 2017-03-24
[86] 2015-09-25 (PCT/US2015/052438)
[87] (WO2016/049569)
[30] US (62/056,072) 2014-09-26

---

[21] **2,962,629**
[13] A1
[51] **Int.Cl. C22C 21/08 (2006.01) C22C 21/02 (2006.01) C22C 21/14 (2006.01) C22C 21/16 (2006.01) C22F 1/043 (2006.01) C22F 1/047 (2006.01) C22F 1/05 (2006.01) C22F 1/057 (2006.01)**
[25] EN
[54] **ALUMINUM ALLOY PRODUCTS AND A METHOD OF PREPARATION**
[54] **PRODUITS EN ALLIAGE D'ALUMINIUM ET LEUR PROCEDE DE PREPARATION**
[72] BULL, MICHAEL, US
[72] KAMAT, RAJEEV G., US
[71] NOVELIS INC., US
[85] 2017-03-24
[86] 2015-10-28 (PCT/US2015/057720)
[87] (WO2016/069695)
[30] US (62/069,569) 2014-10-28

---

[21] **2,962,632**
[13] A1
[51] **Int.Cl. B60C 23/00 (2006.01) C09J 7/02 (2006.01) G06K 19/077 (2006.01) C08J 3/24 (2006.01)**
[25] EN
[54] **TIRE TRACKING RFID LABEL**
[54] **ETIQUETTE RFID DE SUIVI DE PNEUS**
[72] JANKO, PAVEL, NL
[72] MARKOV, DENIS, NL
[71] AVERY DENNISON CORPORATION, US
[85] 2017-03-24
[86] 2015-09-29 (PCT/US2015/052776)
[87] (WO2016/053933)
[30] US (62/056,920) 2014-09-29
[30] US (62/072,806) 2014-10-30

---

[21] **2,962,640**
[13] A1
[51] **Int.Cl. B60C 11/12 (2006.01)**
[25] EN
[54] **A TIRE TREAD COMPRISING VARIABLE THICKNESS SIPES WITH MULTIPLE AREAS OF REDUCED THICKNESS**
[54] **BANDE DE ROULEMENT DE PNEUMATIQUE COMPRENANT DES LAMELLES D'EPAISSEUR VARIABLE PRESENTANT DE MULTIPLES ZONES D'EPAISSEUR REDUITE**
[72] LAWSON, ROBERT CECIL, US
[72] KOSE, SADI, US
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
[71] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH
[85] 2017-03-24
[86] 2015-09-30 (PCT/US2015/053346)
[87] (WO2016/054278)
[30] US (PCT/US2014/058351) 2014-09-30

---

[21] **2,962,748**
[13] A1
[51] **Int.Cl. B26B 21/40 (2006.01)**
[25] EN
[54] **A SHAVING BLADE CARTRIDGE AND A SHAVER COMPRISING SUCH SHAVING BLADE CARTRIDGE**
[54] **CARTOUCHE DE LAMES DE RASAGE ET RASOIR COMPRENANT UNE TELLE CARTOUCHE DE LAME DE RASAGE**
[72] BOZIKIS, IOANNIS, GR
[72] GEORGAKIS, GEORGIOS, GR
[71] BIC-VIOLEX SA, GR
[85] 2017-03-27
[86] 2015-10-19 (PCT/EP2015/074184)
[87] (WO2016/062675)
[30] US (62/065,857) 2014-10-20

[21] **2,962,751**
[13] A1
[51] **Int.Cl. C23F 11/08 (2006.01) C09K 8/54 (2006.01)**
[25] EN
[54] **LIQUID INHIBITOR COMPOSITION AND A METHOD FOR ITS PREPARATION AND APPLICATION AS A HEAVY BRINE CORROSION CONTROL**
[54] **COMPOSITION INHIBITRICE LIQUIDE, SON PROCEDE DE PREPARATION ET SON UTILISATION DANS LE CADRE DE LA LUTTE CONTRE LA CORROSION PAR LA SAUMURE LOURDE**
[72] OBEYESEKERE, NIHAL, US
[72] ARIYARATNA, THENUKA, US
[72] WYLDE, JONATHAN, US
[71] CLARIANT INTERNATIONAL LTD, CH
[85] 2017-03-27
[86] 2015-12-10 (PCT/EP2015/079234)
[87] (WO2016/092010)
[30] US (14/567,885) 2014-12-11
[30] EP (15000028.9) 2015-01-08

[21] **2,962,753**
[13] A1
[51] **Int.Cl. C23F 11/08 (2006.01) C09K 8/54 (2006.01)**
[25] EN
[54] **LIQUID INHIBITOR COMPOSITION AND A METHOD FOR ITS PREPARATION AND APPLICATION AS A HEAVY BRINE CORROSION CONTROL**
[54] **COMPOSITION INHIBITRICE LIQUIDE, SON PROCEDE DE PREPARATION ET SON UTILISATION DANS LE CADRE DE LA LUTTE CONTRE LA CORROSION PAR LA SAUMURE LOURDE**
[72] OBEYESEKERE, NIHAL, US
[72] ARIYARATNA, THENUKA, US
[72] WYLDE, JONATHAN, US
[71] CLARIANT INTERNATIONAL LTD, CH
[85] 2017-03-27
[86] 2015-12-10 (PCT/EP2015/079235)
[87] (WO2016/092011)
[30] US (14/567,885) 2014-12-11
[30] EP (15000028.9) 2015-01-08

[21] **2,962,767**
[13] A1
[51] **Int.Cl. A45D 40/26 (2006.01) A45D 34/04 (2006.01) A61Q 1/02 (2006.01) B65D 51/32 (2006.01)**
[25] EN
[54] **FOUNDATION MAKEUP AND CONCEALER COMPOSITION**
[54] **COMPOSITION MAQUILLAGE DU TEINT ET ANTICERNES**
[72] MERCADO, CLARA, US
[72] LOGALBO, JOHN, US
[72] SHIDARA, AYA, US
[72] MCKENNA, LINDA, US
[72] MCGUINNESS, PALMER, US
[72] PARDO, JANET, US
[72] OWEN, THOMAS EDWARD, US
[71] ELC MANAGEMENT LLC, US
[85] 2017-03-27
[86] 2015-09-24 (PCT/US2015/051843)
[87] (WO2016/057227)
[30] US (14/510,229) 2014-10-09

[21] **2,962,769**
[13] A1
[51] **Int.Cl. B23K 9/095 (2006.01) G06F 3/0484 (2013.01) B23K 9/10 (2006.01)**
[25] EN
[54] **SYSTEM FOR CONTROLLING WELDING PARAMETER OF A WELDING SYSTEM**
[54] **SYSTEME DE COMMANDE DE PARAMETRE DE SOUDURE D'UN SYSTEME DE SOUDAGE**
[72] HOEGER, MICHAEL VINCENT, US
[72] DEPAUW, DEVAN MICHAEL, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2017-03-27
[86] 2015-10-04 (PCT/US2015/053905)
[87] (WO2016/076974)
[30] US (14/537,645) 2014-11-10

[21] **2,962,788**
[13] A1
[51] **Int.Cl. H01M 10/04 (2006.01) H01M 4/04 (2006.01) H01M 2/02 (2006.01)**
[25] EN
[54] **ELECTROCHEMICAL CELLS HAVING SEMI-SOLID ELECTRODES AND METHODS OF MANUFACTURING THE SAME**
[54] **CELLULES ELECTROCHIMIQUES A ELECTRODES SEMI-SOLIDES ET LEURS PROCEDES DE FABRICATION**
[72] ZAGARS, RAYMOND, US
[72] CURHAN, JEFFREY, US
[72] DOHERTY, TRISTAN, US
[72] SLOCUM, ALEXANDER H., US
[71] 24M TECHNOLOGIES, INC., US
[85] 2017-03-27
[86] 2015-11-04 (PCT/US2015/058992)
[87] (WO2016/073575)
[30] US (62/075,373) 2014-11-05

[21] **2,962,789**
[13] A1
[51] **Int.Cl. A63B 71/06 (2006.01) A63B 24/00 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **EXERCISE CLASS APPARATUS AND METHOD**
[54] **APPAREIL DE COURS D'EXERCICE PHYSIQUE ET PROCEDE ASSOCIE**
[72] HENNINGS, ELIZABETH KELLY, US
[72] BRUENING, JEFFREY SCOTT, US
[72] THOMPSON, GORDON, III, US
[72] PATEL, CHIRAG, US
[72] BAKARANIA, NEEL MAGAN, US
[72] NGUYEN, PHUC VAN, US
[72] MARK, CATHERINE CROWE, US
[72] WHITE, JOHN, US
[72] YOO, JIN, SUNG, US
[72] RAINERT, KAREN, US
[72] BENVENUTO, JOHN PAUL, US
[72] DEL SENNO, NICOLE, US
[72] JACOBS, MATTHEW, US
[72] HITCHINGS, DAVID, US
[71] EQUINOX HOLDINGS, INC., US
[85] 2017-03-27
[86] 2015-09-28 (PCT/US2015/052728)
[87] (WO2016/053905)
[30] US (62/057,101) 2014-09-29
[30] US (62/066,150) 2014-10-20
[30] US (62/132,363) 2015-03-12

[21] **2,962,792**
[13] A1
[51] **Int.Cl. C11D 17/08 (2006.01) B65D 65/46 (2006.01) C08L 29/04 (2006.01)**
[25] EN
[54] **ARTICLES COMPRISING WATER-SOLUBLE POLYVINYL ALCOHOL BLEND FILM AND RELATED METHODS**
[54] **ARTICLES COMPRENANT UN FILM MELANGE DE POLY(ALCOOL DE VINYLE) SOLUBLE DANS L'EAU ET PROCEDES ASSOCIES**
[72] LABEQUE, REGINE, BE
[72] COURCHAY, FLORENCE CATHERINE, BE
[72] KEULEERS, ROBBY RENILDE FRANCOIS, BE
[72] FRIEDRICH, STEVEN GEORGE, US
[72] LEE, DAVID M., US
[72] YOGAN, THOMAS J., US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-03-27
[86] 2015-10-13 (PCT/US2015/055252)
[87] (WO2016/061053)
[30] US (62/063,098) 2014-10-13

---

[21] **2,962,807**
[13] A1
[51] **Int.Cl. C11D 17/08 (2006.01) B65D 65/46 (2006.01) C08J 3/18 (2006.01) C08K 5/053 (2006.01) C08K 5/06 (2006.01) C08L 29/04 (2006.01)**
[25] EN
[54] **ARTICLES COMPRISING WATER-SOLUBLE POLYVINYL ALCOHOL FILM WITH PLASTICIZER BLEND AND RELATED METHODS**
[54] **OBJETS COMPRENANT UN FILM, SOLUBLE DANS L'EAU, DE POLY(ALCOOL VINYLIQUE) PRESENTANT UN MELANGE PLASTIFIANT ET PROCEDES ASSOCIES**
[72] LABEQUE, REGINE, BE
[72] COURCHAY, FLORENCE CATHERINE, BE
[72] FRIEDRICH, STEVEN GEORGE, US
[72] LEE, DAVID M., US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-03-27
[86] 2015-10-13 (PCT/US2015/055253)
[87] (WO2016/061054)
[30] US (62/063,108) 2014-10-13

---

[21] **2,962,808**
[13] A1
[51] **Int.Cl. C08G 18/66 (2006.01) C08G 18/32 (2006.01) C08G 18/48 (2006.01) C08G 18/73 (2006.01) C08G 18/75 (2006.01) C08L 75/08 (2006.01)**
[25] EN
[54] **NON-SOFTENING RESILIENT THERMOPLASTIC POLYURETHANES**
[54] **POLYURETHANES THERMOPLASTIQUES RESILIENTS NON RAMOLLISSANTS**
[72] COZZENS, DAVID, US
[72] KULKARNI, PALLAVI, US
[72] WALDER, ANTHONY J., US
[71] LUBRIZOL ADVANCED MATERIALS, INC., US
[85] 2017-03-27
[86] 2015-10-01 (PCT/US2015/053406)
[87] (WO2016/054320)
[30] US (62/058,223) 2014-10-01

---

[21] **2,962,820**
[13] A1
[51] **Int.Cl. B61L 23/06 (2006.01) G08B 21/02 (2006.01) G08C 17/02 (2006.01)**
[25] EN
[54] **WORK BLOCK ENCROACHMENT WARNING SYSTEM**
[54] **SYSTEME D'AVERTISSEMENT EN CAS D'EMPIETEMENT D'UN INTERVALLE TRAVAUX**
[72] DAVIS, MICHAEL STEPHEN, US
[72] BARTEK, PETER MICHAEL, US
[71] HARSCO TECHNOLOGIES LLC, US
[85] 2017-03-27
[86] 2015-10-02 (PCT/US2015/053697)
[87] (WO2016/054492)
[30] US (62/071,817) 2014-10-03

---

[21] **2,962,821**
[13] A1
[51] **Int.Cl. A24D 3/06 (2006.01) A24D 3/04 (2006.01) A24F 25/00 (2006.01)**
[25] EN
[54] **BREAKABLE CAPSULE FOR SMOKING ARTICLE**
[54] **CAPSULE CASSABLE POUR ARTICLE A FUMER**
[72] CODORNIU, JOAN CASTELLA, ES
[71] JT INTERNATIONAL SA, CH
[85] 2017-03-28
[86] 2015-09-28 (PCT/EP2015/072255)
[87] (WO2016/050688)
[30] EP (14186868.7) 2014-09-29

---

[21] **2,962,827**
[13] A1
[51] **Int.Cl. A01N 57/20 (2006.01) A01N 25/24 (2006.01) A01P 13/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS OF ACTIVE AGROCHEMICAL INGREDIENTS, THEIR PRODUCTION AND USE**
[54] **COMPOSITION AQUEUSE ADJUVANTE CONTENANT DU GLUFOSINATE**
[72] BAUR, PETER, DE
[72] BAUER, MARTIN, DE
[72] SCHWEINITZER, GERD, DE
[72] WOLF, STEFANIE, DE
[71] CLARIANT INTERNATIONAL LTD, CH
[85] 2017-03-28
[86] 2015-09-29 (PCT/EP2015/072453)
[87] (WO2016/050782)
[30] DE (10 2014 014 124.1) 2014-09-30
[30] DE (20 2014 008 420.3) 2014-10-23

---

[21] **2,962,831**
[13] A1
[51] **Int.Cl. A01G 13/02 (2006.01) A01G 9/14 (2006.01) C08J 5/18 (2006.01) C08K 5/103 (2006.01) C08L 23/04 (2006.01)**
[25] EN
[54] **POLYOLEFIN-CONTAINING COMPOSITION WITH ANTI-FOG PROPERTIES**
[54] **COMPOSITION CONTENANT UNE POLYOLEFINE AYANT DES PROPRIETES ANTI-BUEE**
[72] SPIJKERMAN, GEESJE KLASINA, NL
[72] KAMPEN, TED HENRI WILFRED CORNELIUS, NL
[72] TALMA, AUKE GERARDUS, NL
[71] AKZO NOBEL CHEMICALS INTERNATIONAL B.V., NL
[85] 2017-03-28
[86] 2015-10-20 (PCT/EP2015/074207)
[87] (WO2016/062684)
[30] EP (14190119.9) 2014-10-23

[21] **2,962,843**
[13] A1
[51] **Int.Cl. E21B 7/20 (2006.01) E21B 17/00 (2006.01) E21B 23/00 (2006.01)**
[25] EN
[54] **DIRECTIONAL DRILLING WHILE CONVEYING A LINING MEMBER, WITH LATCHING PARKING CAPABILITIES FOR MULTIPLE TRIPS**
[54] **FORAGE DIRECTIONNEL LORS DU TRANSPORT D'UN ELEMENT DE CHEMISAGE COMPORTANT DES CAPACITES DE STATIONNEMENT DE VERROUILLAGE POUR DES TRAJETS MULTIPLES**
[72] JEREZ, HERNANDO, US
[72] HAY, RICHARD T., US
[72] EVANS, JOHN G., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-03-27
[86] 2015-10-26 (PCT/US2015/057385)
[87] (WO2016/073236)
[30] US (62/074,460) 2014-11-03

---

[21] **2,962,855**
[13] A1
[51] **Int.Cl. C08L 27/18 (2006.01) C08J 5/18 (2006.01) C08K 3/22 (2006.01) C08K 3/28 (2006.01) C08L 27/12 (2006.01)**
[25] EN
[54] **POLYMERIC MATERIALS**
[54] **MATERIAUX POLYMERES**
[72] MOLONEY, STEVEN JOHN, GB
[71] COLORANT CHROMATICS AG, CH
[85] 2017-03-28
[86] 2015-10-15 (PCT/GB2015/053063)
[87] (WO2016/063013)
[30] GB (1418604.3) 2014-10-20

---

[21] **2,962,888**
[13] A1
[51] **Int.Cl. E01F 9/654 (2016.01) B25H 1/00 (2006.01) B25H 1/06 (2006.01) B25H 1/08 (2006.01)**
[25] EN
[54] **UTILITY SUPPORT**
[54] **SUPPORT UTILITAIRE**
[72] BRUNNER, YARON, IL
[71] KETER PLASTIC LTD., IL
[85] 2017-03-28
[86] 2015-10-06 (PCT/IL2015/050988)
[87] (WO2016/055998)
[30] US (62/060,149) 2014-10-06

---

[21] **2,962,924**
[13] A1
[51] **Int.Cl. E04B 1/94 (2006.01) E04B 5/12 (2006.01) E04B 9/06 (2006.01) E04C 3/16 (2006.01)**
[25] EN
[54] **WOODEN FRAME TRUSS WITH ENHANCED FIRE RESISTANCE**
[54] **FERME DE CADRE EN BOIS AYANT UNE MEILLEURE RESISTANCE AU FEU**
[72] MILLER, GARY FRANKLIN, US
[71] UNITED STATES GYPSUM COMPANY, US
[85] 2017-03-28
[86] 2015-09-16 (PCT/US2015/050351)
[87] (WO2016/053622)
[30] US (14/504,660) 2014-10-02

---

[21] **2,962,929**
[13] A1
[51] **Int.Cl. A45D 44/00 (2006.01) A61K 8/02 (2006.01) A61M 35/00 (2006.01) A61N 1/04 (2006.01) A61N 1/30 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **TARGETED AND INDIVIDUALIZED DELIVERY OF SKINCARE TREATMENTS WITH MICRO-CURRENT IN A MASK OR PATCH FORM**
[54] **ADMINISTRATION CIBLEE ET INDIVIDUALISEE DE TRAITEMENTS DE SOIN DE LA PEAU AVEC MICRO-COURANT SOUS FORME DE MASQUE OU DE TIMBRE**
[72] MOHAMMADI, FATEMEH, US
[72] MOU, TSUNG-WEI ROBERT, US
[72] QU, LISA, US
[71] ELC MANAGEMENT LLC, US
[85] 2017-03-28
[86] 2015-09-22 (PCT/US2015/051430)
[87] (WO2016/053680)
[30] US (14/500,614) 2014-09-29

---

[21] **2,962,942**
[13] A1
[51] **Int.Cl. E21B 43/26 (2006.01) E21B 41/00 (2006.01) E21B 43/25 (2006.01)**
[25] EN
[54] **SEAT ARRANGEMENT, METHOD FOR CREATING A SEAT AND METHOD FOR FRACTURING A BOREHOLE**
[54] **AGENCEMENT DE SIEGE, PROCEDE DE CREATION D'UN SIEGE ET PROCEDE POUR FRACTURER UN PUITS DE FORAGE**
[72] DOANE, JAMES, US
[71] BAKER HUGHES INCORPORATED, US
[85] 2017-03-28
[86] 2015-08-25 (PCT/US2015/046796)
[87] (WO2016/053511)
[30] US (14/506,092) 2014-10-03

---

[21] **2,962,945**
[13] A1
[51] **Int.Cl. C07K 14/415 (2006.01) C07K 4/10 (2006.01)**
[25] EN
[54] **ELICITOR PEPTIDES HAVING DISRUPTED HYPERSENSITIVE RESPONSE BOX AND USE THEREOF**
[54] **PEPTIDES ELICITEURS AYANT UNE BOITE DE REPONSE HYPERSENSIBLE ROMPUE ET UTILISATION ASSOCIEE**
[72] WEI, ZHONGMIN, US
[72] ZORNETZER, GREGORY A., US
[71] PLANT HEALTH CARE, INC., US
[85] 2017-03-28
[86] 2015-10-01 (PCT/US2015/053444)
[87] (WO2016/054342)
[30] US (62/058,535) 2014-10-01
[30] US (62/186,527) 2015-06-30

[21] **2,962,953**
[13] A1
[51] **Int.Cl. E21B 47/00 (2012.01)**
[25] EN
[54] **EVALUATION OF ROCK BOUNDARIES AND ACOUSTIC VELOCITIES USING DRILL BIT SOUND DURING VERTICAL DRILLING**
[54] **EVALUATION DES LIMITES D'UNE ROCHE ET DES VITESSES ACOUSTIQUES AU MOYEN DU SON DU TREPAN AU COURS D'UN FORAGE VERTICAL**
[72] ALMARHOON, MAHER I., SA
[72] YANG, YUNLAI, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2017-03-28
[86] 2015-10-01 (PCT/US2015/053405)
[87] (WO2016/054319)
[30] US (14/505,335) 2014-10-02

---

[21] **2,962,960**
[13] A1
[51] **Int.Cl. A45D 44/00 (2006.01) A61M 35/00 (2006.01) A61N 1/04 (2006.01) A61N 1/30 (2006.01) A61K 8/02 (2006.01)**
[25] EN
[54] **TARGETED AND INDIVIDUALIZED DELIVERY OF SKINCARE TREATMENTS WITH MICRO-CURRENT IN A MASK OR PATCH FORM**
[54] **ADMINISTRATION CIBLEE ET INDIVIDUALISEE DE TRAITEMENTS DE SOIN DE LA PEAU AVEC MICRO-COURANT SOUS FORME DE MASQUE OU DE TIMBRE**
[72] MOHAMMADI, FATEMEH, US
[72] MOU, TSUNG-WEI ROBERT, US
[72] QU, LISA, US
[71] ELC MANAGEMENT LLC, US
[85] 2017-03-28
[86] 2015-09-22 (PCT/US2015/051438)
[87] (WO2016/053682)
[30] US (14/500,673) 2014-09-29

---

[21] **2,962,962**
[13] A1
[51] **Int.Cl. A45D 44/00 (2006.01) A61K 8/02 (2006.01) A61M 35/00 (2006.01) A61N 1/04 (2006.01) A61N 1/30 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **TARGETED AND INDIVIDUALIZED DELIVERY OF SKINCARE TREATMENTS WITH MICRO-CURRENT IN A MASK OR PATCH FORM**
[54] **ADMINISTRATION CIBLEE ET INDIVIDUALISEE DE TRAITEMENTS DE SOIN DE LA PEAU AVEC MICRO-COURANT SOUS UNE FORME DE MASQUE OU DE TIMBRE**
[72] MOHAMMADI, FATEMEH, US
[72] MOU, TSUNG-WEI ROBERT, US
[72] QU, LISA, US
[71] ELC MANAGEMENT LLC, US
[85] 2017-03-28
[86] 2015-09-22 (PCT/US2015/051443)
[87] (WO2016/053683)
[30] US (14/500,720) 2014-09-29

---

[21] **2,962,966**
[13] A1
[51] **Int.Cl. A45D 44/00 (2006.01) A61K 8/02 (2006.01) A61M 35/00 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **TARGETED AND INDIVIDUALIZED DELIVERY OF SKINCARE TREATMENTS WITH MICRO-CURRENT IN A MASK OR PATCH FORM**
[54] **ADMINISTRATION CIBLEE ET INDIVIDUALISEE DE TRAITEMENTS DE SOIN DE LA PEAU PAR LE BIAIS D'UN MICRO-COURANT AU MOYEN D'UN MASQUE OU D'UN TIMBRE**
[72] MOHAMMADI, FATEMEH, US
[72] MOU, TSUNG-WEI ROBERT, US
[72] QU, LISA, US
[71] ELC MANAGEMENT LLC, US
[85] 2017-03-28
[86] 2015-09-22 (PCT/US2015/051468)
[87] (WO2016/053687)
[30] US (14/500,824) 2014-09-29

---

[21] **2,962,984**
[13] A1
[51] **Int.Cl. A01D 69/10 (2006.01) A01D 34/64 (2006.01)**
[25] EN
[54] **PARK BRAKE AND TRACTION DRIVE BYPASS INTERLOCK**
[54] **INTER-VERROUILLAGE DE CONTOURNEMENT D'ENTRAINEMENT DE TRACTION ET FREIN DE STATIONNEMENT**
[72] KRYSTOWSKI, ADAM, US
[72] MORSE, DANIEL, US
[72] UTZ, MICHAEL, US
[72] TYLER, CARL, US
[72] WOODRUM, ADAM, US
[71] MTD PRODUCTS INC, US
[85] 2017-03-28
[86] 2015-09-24 (PCT/US2015/051866)
[87] (WO2016/049275)
[30] US (62/054,731) 2014-09-24

---

[21] **2,963,065**
[13] A1
[51] **Int.Cl. C04B 18/22 (2006.01)**
[25] EN
[54] **LIGHTWEIGHT RESILIENT CONCRETE SUB-BASE LAYER WITH RECYCLED RUBBER FROM DISCARDED TYRES WITH REDUCED WALKING IMPACT NOISE**
[54] **BETON ELASTIQUE LEGER SOUS-COUCHE DE BASE AVEC DU CAOUTCHOUC RECYCLE A PARTIR DE PNEUS MIS AU REBUT AVEC REDUCTION DE BRUIT D'IMPACT A LA MARCHE**
[72] SGOBBA, SARA, IT
[72] MORBI, ALESSANDRO, IT
[72] MOLFETTA, MARCELLO ANTONIO, IT
[72] MARANO, GIUSEPPE CARLO, IT
[71] ITALCEMENTI S.P.A., IT
[85] 2017-03-29
[86] 2015-10-02 (PCT/IB2015/057547)
[87] (WO2016/051382)
[30] IT (MI2014A001728) 2014-10-03

[21] **2,963,083**
[13] A1
[51] **Int.Cl. H01M 2/30 (2006.01)**
[25] EN
[54] **TERMINAL ASSEMBLY FOR BIPOLAR ELECTROCHEMICAL CELL OR BATTERY**
[54] **ENSEMBLE BORNE POUR CELLULE OU BATTERIE ELECTROCHIMIQUE BIPOLAIRE**
[72] ADAMSON, GEORGE W., US
[72] BOWERS, SARA S., US
[71] EOS ENERGY STORAGE, LLC, US
[85] 2017-03-29
[86] 2015-10-06 (PCT/US2015/054203)
[87] (WO2016/057489)
[30] US (62/060,273) 2014-10-06
[30] US (62/170,200) 2015-06-03
[30] US (62/173,415) 2015-06-10

---

[21] **2,963,145**
[13] A1
[51] **Int.Cl. A61K 36/82 (2006.01) A61K 9/08 (2006.01) A61K 31/05 (2006.01) A61K 47/10 (2017.01) A61K 47/18 (2017.01) A61P 27/02 (2006.01) A61P 27/12 (2006.01)**
[25] EN
[54] **ANTIOXIDANT EYE DROPS**
[54] **COLLYRE ANTIOXYDANT**
[72] KADOR, PETER F., US
[71] KADOR, PETER F., US
[85] 2017-03-29
[86] 2015-10-09 (PCT/US2015/054841)
[87] (WO2016/057871)
[30] US (14/512,365) 2014-10-10

---

[21] **2,963,244**
[13] A1
[51] **Int.Cl. A61K 8/49 (2006.01) A61K 8/06 (2006.01) A61K 8/37 (2006.01) A61K 8/73 (2006.01) A61Q 19/10 (2006.01)**
[25] EN
[54] **STABLE LOTION EMULSION COMPOSITION AND WET WIPE**
[54] **COMPOSITION EN EMULSION DE LOTION STABLE ET LINGETTE HUMIDE**
[72] MARSH, RANDALL GLENN, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-03-30
[86] 2015-09-29 (PCT/US2015/052788)
[87] (WO2016/053937)
[30] US (62/057,297) 2014-09-30

---

[21] **2,963,318**
[13] A1
[51] **Int.Cl. C07C 229/56 (2006.01) A61K 31/195 (2006.01) A61K 31/445 (2006.01) A61K 31/4545 (2006.01) A61K 31/4709 (2006.01) A61P 19/02 (2006.01) A61P 29/00 (2006.01) C07C 229/48 (2006.01) C07C 235/40 (2006.01) C07C 271/24 (2006.01) C07D 211/62 (2006.01) C07D 213/80 (2006.01) C07D 401/04 (2006.01) C07D 401/12 (2006.01)**
[25] EN
[54] **NOVEL CARBOXYLIC ACID COMPOUNDS USEFUL FOR INHIBITING MICROSOMAL PROSTAGLANDIN E2 SYNTHASE-1**
[54] **NOUVEAUX COMPOSES ACIDE CARBOXYLIQUE SERVANT A INHIBER LA PROSTAGLANDINE E2 SYNTHASE-1 MICROSOMALE**
[72] FISHER, MATTHEW JOSEPH, US
[72] KUKLISH, STEVEN LEE, US
[72] PARTRIDGE, KATHERINE MARIE, US
[72] YORK, JEREMY SCHULENBURG, US
[71] ELI LILLY AND COMPANY, US
[85] 2017-03-30
[86] 2015-10-22 (PCT/US2015/056955)
[87] (WO2016/069374)
[30] US (62/072,140) 2014-10-29

---

[21] **2,963,321**
[13] A1
[51] **Int.Cl. C07D 405/14 (2006.01) A61K 31/4709 (2006.01) A61P 19/02 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **NOVEL METHYL-PIPERIDINE COMPOUNDS USEFUL FOR INHIBITING MICROSOMAL PROSTAGLANDIN E2 SYNTHASE-1**
[54] **NOUVEAUX COMPOSES METHYL-PIPERIDINE SERVANT A INHIBER LA PROSTAGLANDINE E2 SYNTHASE-1 MICROSOMALE**
[72] FISHER, MATTHEW JOSEPH, US
[72] KUKLISH, STEVEN LEE, US
[72] MANNINEN, PETER RUDOLPH, US
[72] PARTRIDGE, KATHERINE MARIE, US
[72] SCHIFFLER, MATTHEW ALLEN, US
[72] WARSHAWSKY, ALAN M., US
[72] YORK, JEREMY SCHULENBURG, US
[71] ELI LILLY AND COMPANY, US
[85] 2017-03-30
[86] 2015-10-22 (PCT/US2015/056960)
[87] (WO2016/069376)
[30] US (62/072,196) 2014-10-29

---

[21] **2,963,371**
[13] A1
[51] **Int.Cl. C07C 237/06 (2006.01) A61K 31/16 (2006.01) A61K 31/167 (2006.01) A61P 25/16 (2006.01) C07C 231/12 (2006.01)**
[25] EN
[54] **ALPHA-AMINOAMIDE DERIVATIVE COMPOUND AND PHARMACEUTICAL COMPOSITION CONTAINING THE SAME**
[54] **COMPOSE DERIVE D'ALPHA-AMINOAMIDE ET COMPOSITION PHARMACEUTIQUE EN RENFERMANT**
[72] PARK, KI DUK, KR
[72] LEE, CHANGJOON JUSTIN, KR
[72] KIM, DONG JIN, KR
[72] PAE, AE NIM, KR
[72] CHOO, HYUN AH, KR
[72] MIN, SUN JOON, KR
[72] KANG, YONG KOO, KR
[72] KIM, YUN KYUNG, KR
[72] SONG, HYO JUNG, KR
[72] CHOI, JI WON, KR
[72] NAM, MIN HO, KR
[72] HEO, JUN YOUNG, KR
[72] YEON, SEUL KI, KR
[72] JANG, BO KO, KR
[72] JU, EUN JI, KR
[72] JO, SEON MI, KR
[71] KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY, KR
[85] 2017-03-31
[86] 2015-09-24 (PCT/KR2015/010104)
[87] (WO2016/052928)
[30] KR (10-2014-0132983) 2014-10-02
[30] KR (10-2015-0132281) 2015-09-18

---

[21] **2,963,472**
[13] A1
[51] **Int.Cl. C07D 413/04 (2006.01) A01N 43/80 (2006.01) A01P 17/00 (2006.01)**
[25] EN
[54] **DIARYL ISOXAZOLINE COMPOUND**
[54] **COMPOSE D'ISOXAZOLINE DE DYARYLE**
[72] GAUVRY, NOELLE, CH
[72] GOEBEL, THOMAS, CH
[72] NANCHEN, STEVE, CH
[72] PERRET, JEAN-LUC, CH
[72] ROOS, ULRICH, CH
[72] SCHORDERET WEBER, SANDRA, CH
[71] NOVARTIS TIERGESUNDHEIT AG, CH
[85] 2017-03-31
[86] 2015-11-06 (PCT/US2015/059371)
[87] (WO2016/077158)
[30] EP (14192483.7) 2014-11-10

---

[21] **2,963,473**
[13] A1
[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/4545 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **AURORA A KINASE INHIBITOR**
[54] **INHIBITEUR DE L'AURORA A KINASE**
[72] HENRY, JAMES ROBERT, US
[71] ELI LILLY AND COMPANY, US
[85] 2017-03-31
[86] 2015-11-06 (PCT/US2015/059390)
[87] (WO2016/077161)
[30] US (62/079,742) 2014-11-14

---

[21] **2,963,476**
[13] A1
[51] **Int.Cl. A61K 31/7048 (2006.01) A61P 1/12 (2006.01) A61P 31/14 (2006.01)**
[25] EN
[54] **ANTIVIRAL EFFECTS OF NARASIN IN SWINE FEED**
[54] **EFFETS ANTIVIRAUX DU NARASIN DANS DE LA NOURRITURE POUR PORCS**
[72] MARSTELLER, THOMAS ALAN, US
[72] OWENS, JANE GRANVILLE, US
[72] PULS, CHRISTOPHER LEIGH, US
[72] RITTER, MATTHEW JOHN, US
[72] ROSENKRANS, KELLY SHERN, US
[72] WEBER, THOMAS EDMUND, US
[71] ELI LILLY AND COMPANY, US
[85] 2017-03-31
[86] 2015-11-10 (PCT/US2015/059848)
[87] (WO2016/077282)
[30] US (62/079,159) 2014-11-13

---

[21] **2,963,683**
[13] A1
[51] **Int.Cl. C07D 417/06 (2006.01) A61K 31/496 (2006.01) A61P 3/10 (2006.01) A61P 13/12 (2006.01)**
[25] EN
[54] **1,2-BENZOTHIAZOLE COMPOUNDS FOR THE TREATMENT OF KIDNEY DISORDERS**
[54] **COMPOSES 1,2-BENZOTHIAZOLES DESTINES AU TRAITEMENT D'AFFECTIONS RENALES**
[72] GENIN, MICHAEL JAMES, US
[72] HOLLOWAY, WILLIAM GLEN, US
[72] REKHTER, MARK DAVID, US
[71] ELI LILLY AND COMPANY, US
[85] 2017-04-04
[86] 2015-11-13 (PCT/US2015/060635)
[87] (WO2016/081311)
[30] US (62/082,655) 2014-11-21

[21] **2,963,705**
[13] A1
[51] **Int.Cl. A61K 31/50 (2006.01) A61P 11/00 (2006.01) A61P 11/06 (2006.01) C07D 237/14 (2006.01)**
[25] FR
[54] **FLUORINATED PYRIDAZIN-3-ONES FOR THE USE THEREOF IN THE TREATMENT OF LUNG DISEASES**
[54] **PYRIDAZIN-3-ONES FLUOREES POUR LEUR UTILISATION DANS LE TRATITEMENT DES MALADIES PULMONAIRES**
[72] GERARD, STEPHANE, FR
[72] BOUILLON, JEAN-PHILIPPE, FR
[72] BELAAOUAJ, AZZAQ, FR
[72] HENON, ERIC, FR
[71] UNIVERSITE DE REIMS CHAMPAGNE-ARDENNE, FR
[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[71] UNIVERSITE DE ROUEN, FR
[85] 2017-04-05
[86] 2015-10-30 (PCT/FR2015/052929)
[87] (WO2016/066973)
[30] FR (1460501) 2014-10-31

---

[21] **2,963,782**
[13] A1
[51] **Int.Cl. C10G 1/04 (2006.01) B01D 11/00 (2006.01) B01D 21/00 (2006.01)**
[25] EN
[54] **HORIZONTAL-FLOW OIL SANDS SEPARATOR FOR A SOLVENT EXTRACTION PROCESS**
[54] **SEPARATEUR DE SABLES BITUMINEUX A ECOULEMENT HORIZONTAL POUR UN PROCEDE D'EXTRACTION PAR SOLVANT**
[72] STEINHAUSER, ANDREW P., US
[72] GRAVE, EDWARD J., US
[72] OLDENBURG, PAUL D., US
[72] CHEN, CHIEN-CHIANG, US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2017-04-05
[86] 2015-09-30 (PCT/US2015/053230)
[87] (WO2016/064546)
[30] US (62/067,279) 2014-10-22

---

[21] **2,963,972**
[13] A1
[51] **Int.Cl. C10G 67/14 (2006.01)**
[25] EN
[54] **PROCESS TO UPGRADE PARTIALLY CONVERTED VACUUM RESIDUA**
[54] **PROCEDE POUR VALORISER DES RESIDUS SOUS VIDE PARTIELLEMENT CONVERTIS**
[72] MUKHERJEE, UJJAL K., US
[72] BALDASSARI, MARIO C., US
[72] GREENE, MARVIN I., US
[71] LUMMUS TECHNOLOGY INC., US
[85] 2017-04-06
[86] 2015-10-27 (PCT/US2015/057511)
[87] (WO2016/081165)
[30] US (14/550,384) 2014-11-21

---

[21] **2,964,012**
[13] A1
[51] **Int.Cl. A61K 8/02 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **METHOD OF IMPROVING SKIN APPEARANCE**
[54] **PROCEDE PERMETTANT D'AMELIORER L'ASPECT DE LA PEAU**
[72] WILDER, ELIZABETH ANN, US
[72] MATTS, PAUL JONATHAN, GB
[72] MOSBY, NICOLE ANNETTE, US
[72] CLARKE, COLIN JOHN, GB
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-04-06
[86] 2015-10-21 (PCT/US2015/056670)
[87] (WO2016/065008)
[30] US (62/066,765) 2014-10-21

---

[21] **2,964,140**
[13] A1
[51] **Int.Cl. C07D 409/14 (2006.01) A61K 31/4725 (2006.01) A61P 35/00 (2006.01) C07D 409/12 (2006.01)**
[25] EN
[54] **1 -OXO-1,2-DIHYDROISOQUINOLIN-7-YL-(5-SUBSTITUTED-THIOPHEN-2-YL)-SULFONAMIDE COMPOUNDS, FORMULATIONS CONTAINING THOSE COMPOUNDS, AND THEIR USE AS AICARFT INHIBITORS IN THE TREATMENT OF CANCERS**
[54] **COMPOSES 1-OXO-1,2-DIHYDROISOQUINOLEINE-7-YL-(5-SUBSTITUE-THIOPHEN-2-YL)-SULFONAMIDE, FORMULATIONS CONTENANT CES COMPOSES ET LEUR UTILISATION COMME INHIBITEURS D'AICARFT DANS LE TRAITEMENT DE CANCERS**
[72] BROOKS, HAROLD BURNS, US
[72] DALLY, ROBERT DEAN, US
[72] DURHAM, TIMOTHY BARRETT, US
[72] FALES, KEVIN ROBERT, US
[72] FRIMPONG, KWAME, US
[72] MCCOWAN, JEFFERSON RAY, US
[72] NJOROGE, FRANK GEORGE, US
[72] SHEPHERD, TIMOTHY ALAN, US
[72] SI, CHONG, US
[72] THRASHER, KENNETH JEFF, US
[72] TOTH, JAMES LEE, US
[72] WU, ZHIPEI, US
[71] ELI LILLY AND COMPANY, US
[85] 2017-04-07
[86] 2015-11-24 (PCT/US2015/062391)
[87] (WO2016/089670)
[30] US (62/086,357) 2014-12-02

[21] **2,964,142**
[13] A1
[51] **Int.Cl. A61M 39/02 (2006.01) B21F 3/00 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING PERCUTANEOUS PORTS WITH WIRE COILS**
[54] **PROCEDE DE FABRICATION DE PORTS PERCUTANES AVEC DES ENROULEMENTS DE FIL METALLIQUE**
[72] JIANG, GUANGQIANG, US
[72] HE, TOM, US
[71] ALFRED E. MANN FOUNDATION FOR SCIENTIFIC RESEARCH, US
[85] 2017-04-07
[86] 2015-10-08 (PCT/US2015/054751)
[87] (WO2016/057824)
[30] US (62/061,588) 2014-10-08
[30] US (14/877,857) 2015-10-07

---

[21] **2,964,159**
[13] A1
[51] **Int.Cl. A61K 8/24 (2006.01) A61P 1/02 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **ANTI-TARTAR ORAL CARE COMPOSITIONS PROVIDING CRYSTALLISATION PREVENTION**
[54] **COMPOSITIONS ANTI-TARTRE POUR SOINS BUCCO-DENTAIRES DESTINEES A PREVENIR LA CRISTALLISATION**
[72] KHAN, GOLAM FARUQUE, US
[72] GLANDORF, WILLIAM MICHAEL, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-04-07
[86] 2015-11-04 (PCT/US2015/058909)
[87] (WO2016/073535)
[30] US (62/074,861) 2014-11-04
[30] EP (14198821.2) 2014-12-18
[30] EP (15187091.2) 2015-09-28

---

[21] **2,964,188**
[13] A1
[51] **Int.Cl. A61K 8/24 (2006.01) A61P 1/02 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **ANTI-TARTAR ORAL CARE COMPOSITIONS PROVIDING CRYSTALLISATION PREVENTION**
[54] **COMPOSITIONS ANTI-TARTRE POUR SOINS BUCCO-DENTAIRES DESTINEES A PREVENIR LA CRISTALLISATION**
[72] KHAN, GOLAM FARUQUE, US
[72] GLANDORF, WILLIAM MICHAEL, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-04-07
[86] 2015-11-04 (PCT/US2015/058908)
[87] (WO2016/073534)
[30] US (62/074,847) 2014-11-04
[30] EP (14198819.6) 2014-12-18
[30] EP (15187088.8) 2015-09-28

---

[21] **2,964,229**
[13] A1
[51] **Int.Cl. C12N 5/0784 (2010.01) A61K 35/15 (2015.01) A61P 3/10 (2006.01) A61P 37/06 (2006.01)**
[25] EN
[54] **TOLEROGENIC DENDRITIC CELLS, METHODS OF PRODUCING THE SAME, AND USES THEREOF**
[54] **CELLULES DENDRITIQUES TOLEROGENES, LEURS METHODES DE PRODUCTION, ET UTILISATIONS ASSOCIEES**
[72] SPISEK, RADEK, CZ
[72] DANOVA, KLARA, CZ
[72] □PI□EK, RADEK, CZ
[72] PALOVA, JELINKOVA LENKA, CZ
[71] SOTIO A.S., CZ
[85] 2017-04-10
[86] 2015-10-22 (PCT/EP2015/074536)
[87] (WO2016/062827)
[30] US (62/066,994) 2014-10-22

---

[21] **2,964,301**
[13] A1
[51] **Int.Cl. G06F 21/55 (2013.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CLASSIFYING SECURITY EVENTS AS TARGETED ATTACKS**
[54] **SYSTEMES ET PROCEDES DE CLASSEMENT D'EVENEMENTS DE SECURITE SOUS LA FORME D'ATTAQUES CIBLEES**
[72] ROUNDY, KEVIN ALEJANDRO, US
[72] BHATKAR, SANDEEP, US
[71] SYMANTEC CORPORATION, US
[85] 2017-04-10
[86] 2015-10-13 (PCT/US2015/055228)
[87] (WO2016/061038)
[30] US (14/513,804) 2014-10-14

---

[21] **2,964,303**
[13] A1
[51] **Int.Cl. G06F 12/08 (2016.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING IMPROVED LATENCY IN A NON-UNIFORM MEMORY ARCHITECTURE**
[54] **SYSTEMES ET PROCEDES POUR FOURNIR UNE LATENCE AMELIOREE DANS UNE ARCHITECTURE DE MEMOIRE NON UNIFORME**
[72] MOLLOY, STEPHEN ARTHUR, US
[72] CHUN, DEXTER TAMIO, US
[71] QUALCOMM INCORPORATED, US
[85] 2017-04-10
[86] 2015-11-20 (PCT/US2015/061989)
[87] (WO2016/089632)
[30] US (14/560,450) 2014-12-04

[21] **2,964,312**
[13] A1
[51] **Int.Cl. G06Q 20/10 (2012.01) G06Q 40/02 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR INITIATING PAYMENTS IN FAVOUR OF A PAYEE ENTITY**
[54] **SYSTEMES ET PROCEDES PERMETTANT D'INITIER DES PAIEMENTS EN FAVEUR D'UNE ENTITE BENEFICIAIRE**
[72] O'REGAN, ALAN JOSEPH, ZA
[72] HUXHAM, HORATIO NELSON, ZA
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
[85] 2017-04-11
[86] 2015-11-17 (PCT/IB2015/058864)
[87] (WO2016/079661)
[30] ZA (2014/08444) 2014-11-18

---

[21] **2,964,331**
[13] A1
[51] **Int.Cl. G06F 17/27 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR LANGUAGE DETECTION**
[54] **SYSTEME ET PROCEDE POUR UNE DETECTION DE LANGUE**
[72] BOJJA, NIKHIL, US
[72] WANG, PIDONG, SG
[72] LINDER, FREDRIK, US
[72] PUZON, BARTLOMIEJ, US
[71] MACHINE ZONE, INC., US
[85] 2017-04-11
[86] 2014-10-17 (PCT/US2014/061141)
[87] (WO2016/060687)

---

[21] **2,964,369**
[13] A1
[51] **Int.Cl. G06Q 50/06 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IDENTIFYING AND ADHERING TO NORMATIVE OPERATIONAL CONSTRAINTS IN UTILITY GRIDS**
[54] **SYSTEMES ET PROCEDES POUR IDENTIFIER ET ADHERER A DES CONTRAINTES FONCTIONNELLES NORMATIVES DANS DES RESEAUX ELECTRIQUES**
[72] BROOKS, BRIAN E., US
[72] LU, YANG, SG
[72] BENOIT, GILLES J., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2017-04-11
[86] 2015-10-19 (PCT/US2015/056191)
[87] (WO2016/064721)
[30] US (62/067,493) 2014-10-23

---

[21] **2,964,429**
[13] A1
[51] **Int.Cl. G01N 33/53 (2006.01)**
[25] EN
[54] **DETERMINATION OF BINDING CONSTANTS BY MEANS OF EQUILIBRIUM SHIFTING**
[54] **DETERMINATION DE CONSTANTES DE LIAISON AU MOYEN D'UN DEPLACEMENT D'EQUILIBRE**
[72] BORISS, HINNERK, DE
[71] SOVICELL GMBH, DE
[85] 2017-04-12
[86] 2015-10-15 (PCT/EP2015/073902)
[87] (WO2016/059164)
[30] DE (10 2014 115 088.0) 2014-10-16

---

[21] **2,964,458**
[13] A1
[51] **Int.Cl. G06F 21/62 (2013.01) G06Q 20/32 (2012.01) G06Q 20/38 (2012.01) G06Q 20/40 (2012.01) H04B 5/00 (2006.01) H04L 9/32 (2006.01)**
[25] EN
[54] **SECURING HOST CARD EMULATION CREDENTIALS**
[54] **SECURISATION D'IDENTIFIANTS D'EMULATION DE CARTE HOTE**
[72] MILOV, PETER, US
[72] BRUDNICKI, DAVID, US
[72] VILLIOTT, MARK, US
[71] SEQUENT SOFTWARE, INC., US
[85] 2017-04-12
[86] 2015-10-13 (PCT/US2015/055357)
[87] (WO2016/061118)
[30] US (62/063,291) 2014-10-13

---

[21] **2,964,461**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **COMPOSITE PARTITION FUNCTIONS**
[54] **FONCTIONS DE DIVISION COMPOSITE**
[72] KORYCKI, JACEK A., US
[72] VAN BRINK, DAVID A., US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2017-04-12
[86] 2015-10-14 (PCT/US2015/055413)
[87] (WO2016/064629)
[30] US (14/519,952) 2014-10-21

[21] **2,964,471**
[13] A1
[51] **Int.Cl. G06F 3/0484 (2013.01) G06F 3/0482 (2013.01)**
[25] EN
[54] **HIT-TEST TO DETERMINE ENABLEMENT OF DIRECT MANIPULATIONS IN RESPONSE TO USER ACTIONS**
[54] **TEST D'OCCURRENCE PERMETTANT DE DETERMINER L'ACTIVATION DE MANIPULATIONS DIRECTES EN REPONSE A DES ACTIONS D'UTILISATEUR**
[72] HOFSETZ, CHRISTIAN, US
[72] EDEN, HEATHER, US
[72] KAROLEWICS, STEPHEN, US
[72] KRANTZ, JAMES, US
[72] DALTON, MICHAEL, US
[72] SUN, SIWEN, US
[72] YOUNG, KERRY, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2017-04-12
[86] 2015-10-15 (PCT/US2015/055618)
[87] (WO2016/064642)
[30] US (14/521,368) 2014-10-22

[21] **2,964,483**
[13] A1
[51] **Int.Cl. G06F 9/44 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **JOB AUTHORING WITH DATA PREVIEW**
[54] **CREATION DE TACHE AVEC PREVISUALISATION DE DONNEES**
[72] COURIS, CHERYL, US
[72] STORM, CHRISTINA, US
[72] PEACOCK, ANDREW J., US
[72] NETZ, AMIR, US
[72] CHEUNG, CHIU YING, US
[72] FLASKO, MICHAEL J., US
[72] GREALISH, KEVIN, US
[72] DELLA-LIBERA, GIOVANNI M., US
[72] CARLSON, SONIA P., US
[72] HENINGER, MARK W., US
[72] BACH, PAULA M., US
[72] JONES, TAUREAN A., US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2017-04-12
[86] 2015-10-20 (PCT/US2015/056293)
[87] (WO2016/064771)
[30] US (14/521,465) 2014-10-23

[21] **2,964,514**
[13] A1
[51] **Int.Cl. G06F 3/01 (2006.01) G02B 27/01 (2006.01) G06F 17/50 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **VIRTUAL REALITY IMMERSION WITH AN ARCHITECTURAL DESIGN SOFTWARE APPLICATION**
[54] **IMMERSION DANS LA REALITE VIRTUELLE A L'AIDE D'UNE APPLICATION LOGICIELLE DE CONCEPTION ARCHITECTURALE**
[72] LOBERG, BARRIE A., CA
[72] HOWELL, JOSEPH, US
[72] BLODGETT, ROBERT, US
[72] SMITH, SHELDON, CA
[72] WEST, TYLER, CA
[71] DIRTT ENVIRONMENTAL SOLUTIONS, LTD., CA
[85] 2017-04-13
[86] 2015-10-14 (PCT/US2015/055587)
[87] (WO2016/061267)
[30] US (62/064,156) 2014-10-15

[21] **2,964,551**
[13] A1
[51] **Int.Cl. A61B 10/02 (2006.01) A61B 34/20 (2016.01) A61B 6/12 (2006.01)**
[25] EN
[54] **BIOPSY NEEDLE**
[54] **AIGUILLE A BIOPSIE**
[72] MURPHY, KIERAN P., CA
[71] KIERAN MURPHY LLC, US
[85] 2017-04-13
[86] 2015-10-14 (PCT/US2015/055499)
[87] (WO2016/061204)
[30] US (14/516,218) 2014-10-16

[21] **2,964,567**
[13] A1
[51] **Int.Cl. B60K 20/02 (2006.01) F16H 59/10 (2006.01)**
[25] EN
[54] **POSITIONABLE SHIFTER SYSTEM**
[54] **SYSTEME DE SELECTEUR DE VITESSES POUVANT ETRE POSITIONNE**
[72] DOSENBACH, ERIC SAJED, US
[72] WEGNER, CHRISTOPHER C., US
[72] WOJDYLA, ADAM, US
[72] BARBER, TIMOTHY S., US
[71] THE BRAUN CORPORATION, US
[85] 2017-04-12
[86] 2015-10-27 (PCT/US2015/057461)
[87] (WO2016/069526)
[30] US (14/525,521) 2014-10-28

[21] **2,964,590**
[13] A1
[51] **Int.Cl. G06F 11/07 (2006.01) G06F 9/52 (2006.01)**
[25] EN
[54] **RECOVERY AND FAULT-TOLERANCE UNDER COMPUTATIONAL INDETERMINISM**
[54] **RECUPERATION ET TOLERANCE AUX PANNES DANS DES CONDITIONS D'INDETERMINISME COMPUTATIONNEL**
[72] STANFILL, CRAIG W., US
[71] AB INITIO TECHNOLOGY LLC, US
[85] 2017-04-12
[86] 2015-10-19 (PCT/US2015/056159)
[87] (WO2016/064705)
[30] US (62/065,941) 2014-10-20

[21] **2,964,616**
[13] A1
[51] **Int.Cl. A61K 31/426 (2006.01) A61K 31/22 (2006.01) A61K 31/225 (2006.01) A61P 25/00 (2006.01) A61P 37/06 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMBINATION COMPRISING A SELECTIVE S1P1 RECEPTOR AGONIST**
[54] **COMBINAISON PHARMACEUTIQUE COMPORTANT UN AGONISTE SELECTIF DU RECEPTEUR SIP1**
[72] CLOZEL, MARTINE, CH
[72] PIALI, LUCA, CH
[71] ACTELION PHARMACEUTICALS LTD, CH
[85] 2017-04-12
[86] 2015-12-10 (PCT/EP2015/079311)
[87] (WO2016/092042)
[30] EP (PCT/EP2014/077469) 2014-12-11

---

[21] **2,964,663**
[13] A1
[51] **Int.Cl. A61B 18/12 (2006.01) H01R 24/40 (2011.01) A61B 18/18 (2006.01)**
[25] EN
[54] **CABLE FOR CONVEYING RADIOFREQUENCY AND/OR MICROWAVE FREQUENCY ENERGY TO AN ELECTROSURGICAL INSTRUMENT**
[54] **CABLE POUR TRANSPORTER UNE ENERGIE EN RADIOFREQUENCE ET/OU EN FREQUENCE MICRO-ONDE VERS UN INSTRUMENT ELECTRO-CHIRURGICAL**
[72] HANCOCK, CHRISTOPHER PAUL, GB
[72] WHITE, MALCOLM, GB
[72] ULLRICH, GEORGE CHRISTIAN, GB
[72] WEBB, DAVID EDWARD, GB
[72] TURNER, LOUIS, GB
[71] CREO MEDICAL LIMITED, GB
[85] 2017-04-13
[86] 2015-10-16 (PCT/EP2015/074036)
[87] (WO2016/059222)
[30] GB (1418479.0) 2014-10-17

---

[21] **2,964,735**
[13] A1
[51] **Int.Cl. A61K 36/19 (2006.01) A61P 11/00 (2006.01) A61P 11/06 (2006.01) A61P 37/08 (2006.01)**
[25] EN
[54] **COMPOSITION CONTAINING EXTRACT OR FRACTION OF GENUS JUSTICIA PLANT**
[54] **COMPOSITION CONTENANT UN EXTRAIT OU UNE FRACTION D'UNE PLANTE DU GENRE JUSTICIA**
[72] YOON, JOO BYOUNG, KR
[72] LEE, HYUN YONG, KR
[72] YOUM, JI HYUN, KR
[72] KIM, KWANG HYUN, KR
[72] JEON, JI HYUN, KR
[72] CHANG, HWAN BONG, KR
[72] HWANG, YUN HA, KR
[72] SEONG, SEUNG KYOO, KR
[72] CHOI, DONG RACK, KR
[71] DONG WHA PHARM. CO., LTD., KR
[85] 2017-04-13
[86] 2015-10-16 (PCT/KR2015/010994)
[87] (WO2016/060525)
[30] KR (10-2014-0139734) 2014-10-16

---

[21] **2,964,763**
[13] A1
[51] **Int.Cl. A61K 8/02 (2006.01) A61K 8/27 (2006.01) A61K 8/36 (2006.01) A61K 8/44 (2006.01) A61K 8/64 (2006.01) A61K 8/891 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **OIL-CONTROLLING COSMETIC POWDER**
[54] **COMPOSITION COSMETIQUE A BASE DE POUDRE ABSORBANT LE SEBUM**
[72] FINJAN, TALAL, CA
[72] RIZVI, SYED, CA
[72] CASTRO, JOHN R., US
[71] ELC MANAGEMENT LLC, US
[85] 2017-04-13
[86] 2015-10-13 (PCT/US2015/055342)
[87] (WO2016/061109)
[30] US (62/063,433) 2014-10-14

---

[21] **2,965,047**
[13] A1
[51] **Int.Cl. C07C 69/732 (2006.01) A61K 31/231 (2006.01) C11C 3/00 (2006.01)**
[25] EN
[54] **METHOD FOR THE SYNTHESIS OF HYDROXY-TRIGLYCERIDES AND USES THEREOF FOR THE PREVENTION AND TREATMENT OF DISEASES**
[54] **PROCEDE DE SYNTHESE D'HYDROXY-TRIGLYCERIDES ET LEURS UTILISATIONS DANS LA PREVENTION ET LE TRAITEMENT DE MALADIES**
[72] ESCRIBA RUIZ, PABLO VICENTE, ES
[72] BUSQUETS XAUBET, XAVIER, ES
[71] UNIVERSITAT DE LES ILLES BALEARS, ES
[85] 2017-04-19
[86] 2015-10-21 (PCT/EP2015/074321)
[87] (WO2016/062746)
[30] EP (14189696.9) 2014-10-21

---

[21] **2,965,092**
[13] A1
[51] **Int.Cl. A61H 31/00 (2006.01) A61M 16/00 (2006.01)**
[25] EN
[54] **ARTIFICIAL-VENTILATION APPARATUS WITH CARDIAC MASSAGE MONITORING**
[54] **APPAREIL DE VENTILATION ARTIFICIELLE AVEC MONITORAGE DE MASSAGE CARDIAQUE**
[72] DERMEL, MARIUS, FR
[72] JACQUOT, ERIC, FR
[72] RIGOLLOT, MARCEAU, FR
[72] RICHARD, JEAN-CHRISTOPHE, FR
[71] AIR LIQUIDE MEDICAL SYSTEMS, FR
[85] 2017-04-19
[86] 2016-05-31 (PCT/FR2016/051298)
[87] (WO2016/198764)
[30] FR (1555189) 2015-06-08

[21] **2,965,139**
[13] A1
[51] **Int.Cl. A61B 5/11 (2006.01) A61B 5/103 (2006.01) G08B 21/00 (2006.01)**
[25] EN
[54] **POSTURE IMPROVEMENT DEVICE, SYSTEM, AND METHOD**
[54] **DISPOSITIF, SYSTEME ET PROCEDE D'AMELIORATION DE LA POSTURE**
[72] ROSENBLOOD, KENNETH LAWRENCE, US
[71] ROSENBLOOD, KENNETH LAWRENCE, US
[85] 2017-04-19
[86] 2015-10-20 (PCT/US2015/056504)
[87] (WO2016/064905)
[30] US (62/066,800) 2014-10-21
[30] US (14/918,334) 2015-10-20

---

[21] **2,965,178**
[13] A1
[51] **Int.Cl. C07D 277/20 (2006.01)**
[25] EN
[54] **THIAZOLYL-CONTAINING COMPOUNDS FOR TREATING PROLIFERATIVE DISEASES**
[54] **COMPOSES CONTENANT DES GROUPES THIAZOLYLE POUR LE TRAITEMENT DE MALADIES PROLIFERATIVES**
[72] GRAY, NATHANAEL S., US
[72] BUHRLAGE, SARA JEAN, US
[72] TREON, STEVEN P., US
[72] CHOI, HWAN GEUN, US
[72] XIONG, YUAN, US
[72] YANG, GUANG, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2017-04-19
[86] 2015-10-22 (PCT/US2015/056899)
[87] (WO2016/065138)
[30] US (62/067,178) 2014-10-22

---

[21] **2,965,181**
[13] A1
[51] **Int.Cl. A61F 5/02 (2006.01)**
[25] EN
[54] **LOWER BACK PAIN TREATMENT AND SPINAL PROTECTION DEVICE**
[54] **TRAITEMENT DE LA DOULEUR LOMBAIRE ET DISPOSITIF DE PROTECTION DE LA COLONNE VERTEBRALE**
[72] DUDKIEWICZ, DARIUSZ, US
[72] DUDKIEWICZ, ROSALIE, US
[71] DUDKIEWICZ, DARIUSZ, US
[71] DUDKIEWICZ, ROSALIE, US
[85] 2017-04-19
[86] 2015-10-22 (PCT/US2015/056916)
[87] (WO2016/065147)
[30] US (62/122,467) 2014-10-22
[30] US (14/615,841) 2015-02-06

---

[21] **2,965,183**
[13] A1
[51] **Int.Cl. G06Q 10/10 (2012.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **CLIENT MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION DE CLIENT**
[72] BRANDENBURG, CHET, US
[72] LEWIS, SCOTT, US
[72] CONNER, MARIANNE, US
[72] CURRY, JOSHUA, US
[71] MINDBODY, INC., US
[85] 2017-04-19
[86] 2015-10-22 (PCT/US2015/057020)
[87] (WO2016/065212)
[30] US (62/067,550) 2014-10-23

---

[21] **2,965,186**
[13] A1
[51] **Int.Cl. A61N 1/36 (2006.01)**
[25] EN
[54] **STIMULATION DEVICES AND METHODS FOR TREATING DRY EYE**
[54] **DISPOSITIFS DE STIMULATION ET PROCEDES DE TRAITEMENT DE LA SECHERESSE OCULAIRE**
[72] FRANKE, MANFRED, US
[72] LOUDIN, JAMES DONALD, US
[72] WARDLE, JOHN, US
[72] HOLDBROOK, MARK JEFFREY, US
[71] OCULEVE, INC., US
[85] 2017-04-19
[86] 2015-10-22 (PCT/US2015/057023)
[87] (WO2016/065215)
[30] US (62/067,416) 2014-10-22

---

[21] **2,965,190**
[13] A1
[51] **Int.Cl. B29C 70/88 (2006.01) B29C 70/82 (2006.01) H05K 3/10 (2006.01)**
[25] EN
[54] **FABRICATION OF INTRA-STRUCTURE CONDUCTIVE TRACES AND INTERCONNECTS FOR THREE-DIMENSIONAL MANUFACTURED STRUCTURES**
[54] **FABRICATION DE TRACES CONDUCTRICES INTRA-STRUCTURES ET INTERCONNEXIONS POUR LES STRUCTURES DE FABRICATION TRIDIMENSIONNELLE**
[72] ELMIEH, BABACK, US
[72] PALAN, SAURABH, US
[72] CROSSEN, REX WENTERS, US
[72] JAIS, ALEXANDRE, US
[71] FACEBOOK, INC., US
[85] 2017-04-19
[86] 2015-10-23 (PCT/US2015/057114)
[87] (WO2016/065260)
[30] US (62/067,674) 2014-10-23

---

[21] **2,965,195**
[13] A1
[51] **Int.Cl. B67D 7/08 (2010.01) G07F 17/00 (2006.01)**
[25] EN
[54] **INVENTORY MANAGEMENT SYSTEM AND METHOD OF USE**
[54] **SYSTEME DE GESTION D'INVENTAIRE ET PROCEDE D'UTILISATION ASSOCIE**
[72] CURRY, JUSTIN, US
[72] THIERRY, DARREN, US
[72] CALLAHAN, MICHAEL DENNIS, US
[72] CUNNINGHAM, MARK KERR, US
[72] WAIGHT, RICHARD, US
[71] LIFE TECHNOLOGIES CORPORATION, US
[85] 2017-04-19
[86] 2015-10-23 (PCT/US2015/057192)
[87] (WO2016/065304)
[30] US (62/068,506) 2014-10-24

[21] **2,965,229**
[13] A1
[51] **Int.Cl. E04G 17/06 (2006.01) E04B 1/66 (2006.01) F16B 13/02 (2006.01)**
[25] EN
[54] **SEALING PLUG FOR CLOSING AN ANCHOR HOLE IN A CONCRETE WALL**
[54] **BOUCHON OBTURATEUR PERMETTANT D'OBTURER UN TROU D'ANCRAGE DANS UNE PAROI EN BETON**
[72] ENDRISS, PHILIP, DE
[72] KONRAD, MATTHIAS, DE
[71] PERI GMBH, DE
[85] 2017-04-20
[86] 2015-11-25 (PCT/EP2015/077697)
[87] (WO2016/087288)
[30] DE (10 2014 224 971.6) 2014-12-05

---

[21] **2,965,297**
[13] A1
[51] **Int.Cl. E21B 33/068 (2006.01) E21B 34/02 (2006.01) F16K 5/02 (2006.01) F16K 5/16 (2006.01) F16K 11/083 (2006.01)**
[25] EN
[54] **NON-PARALLEL MULTI-BORE SEALING DEVICE**
[54] **DISPOSITIF D'OBTURATION A ALESAGES MULTIPLES NON PARALLELES**
[72] CHEATHAM, LLOYD RAY, US
[72] HOLGATE, BEN CALVIN, US
[72] MCEVOY, TRAVIS KYLE, US
[72] MENARD, CHRISTOPHER MICHAEL, US
[72] DIBERNARDO, CHRISTOPHER JOSEPH, US
[71] GE OIL & GAS PRESSURE CONTROL LP, US
[85] 2017-04-20
[86] 2015-09-16 (PCT/US2015/050318)
[87] (WO2016/057169)
[30] US (14/507,298) 2014-10-06

---

[21] **2,965,314**
[13] A1
[51] **Int.Cl. A61B 18/02 (2006.01)**
[25] EN
[54] **PRESSURE MODULATED CRYOABLATION SYSTEM AND RELATED METHODS**
[54] **SYSTEME DE CRYOABLATION A MODULATION DE PRESSION ET PROCEDES ASSOCIES**
[72] BABKIN, ALEXEI, US
[71] ADAGIO MEDICAL, INC., US
[85] 2017-04-20
[86] 2015-10-21 (PCT/US2015/056780)
[87] (WO2016/077045)
[30] US (62/079,299) 2014-11-13

---

[21] **2,965,338**
[13] A1
[51] **Int.Cl. F01D 25/12 (2006.01) F01D 5/18 (2006.01) F01D 9/04 (2006.01) F02C 7/12 (2006.01)**
[25] EN
[54] **ENGINE COMPONENT ASSEMBLY**
[54] **ENSEMBLE COMPOSANT DE MOTEUR**
[72] BUNKER, RONALD SCOTT, US
[72] RAUSCH, JONATHAN MICHAEL, US
[72] CLARK, EMILY ROSETTE, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2017-04-20
[86] 2015-10-27 (PCT/US2015/057577)
[87] (WO2016/069599)
[30] US (62/073,449) 2014-10-31

---

[21] **2,965,369**
[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) A61B 90/00 (2016.01) A61B 10/00 (2006.01) A61M 37/00 (2006.01)**
[25] EN
[54] **BLISTER STRIP**
[54] **BANDE ALVEOLAIRE**
[72] FORSTNER, BERNHARD, AT
[71] FORSTNER, BERNHARD, AT
[85] 2017-04-21
[86] 2015-10-16 (PCT/AT2015/050258)
[87] (WO2016/061600)
[30] AT (A50755/2014) 2014-10-21

---

[21] **2,965,382**
[13] A1
[51] **Int.Cl. A61B 17/225 (2006.01)**
[25] EN
[54] **REFLECTOR FOR ACOUSTIC PRESSURE WAVE HEAD**
[54] **REFLECTEUR POUR TETE A ONDES DE PRESSION ACOUSTIQUE**
[72] HOLFELD, JOHANNES, AT
[72] GRIMM, MICHAEL, AT
[72] DORFMULLER, CHRISTIAN, DE
[71] MEDIZINISCHE UNIVERSITAT INNSBRUCK, AT
[71] DORFMULLER, CHRISTIAN, DE
[85] 2017-04-21
[86] 2015-10-21 (PCT/EP2015/074331)
[87] (WO2016/062751)
[30] EP (14189648.0) 2014-10-21

---

[21] **2,965,389**
[13] A1
[51] **Int.Cl. F02C 7/06 (2006.01) F01D 25/18 (2006.01) F16H 57/04 (2010.01) F16N 31/00 (2006.01)**
[25] FR
[54] **LUBRICATING-OIL COLLECTION CAP FOR TURBOMACHINE EQUIPMENT**
[54] **CAPOT DE RECUPERATION D'HUILE DE LUBRIFICATION POUR UN EQUIPEMENT DE TURBOMACHINE**
[72] PIKOVSKY, CATHERINE, FR
[72] FARVACQUE, BENOIT GUILLAUME, FR
[72] MORREALE, SERGE RENE, FR
[72] TROHEL, MATHIEU JEAN PIERRE, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[85] 2017-04-21
[86] 2015-10-13 (PCT/FR2015/052757)
[87] (WO2016/066919)
[30] FR (1460353) 2014-10-28

[21] **2,965,390**
[13] A1
[51] **Int.Cl. B29C 45/17 (2006.01)**
[25] EN
[54] **POST-MOLD RETAINING APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE RETENUE POST-MOULE**
[72] SCHAD, ROBERT D., CA
[72] SICILIA, ROBERTO D., CA
[71] ATHENA AUTOMATION LTD., CA
[85] 2017-04-21
[86] 2015-10-21 (PCT/CA2015/051064)
[87] (WO2016/061682)
[30] US (62/066,712) 2014-10-21

---

[21] **2,965,400**
[13] A1
[51] **Int.Cl. A01N 1/02 (2006.01)**
[25] EN
[54] **NOVEL COMPOSITION AND SOLUTION WITH CONTROLLED CALCIUM ION LEVEL, AND RELATED METHOD AND USE FOR REPERFUSION**
[54] **NOUVELLE COMPOSITION ET SOLUTION AYANT UN NIVEAU D'IONS CALCIUM CONTROLE, PROCEDE ASSOCIE ET SON UTILISATION EN REPERFUSION**
[72] FREED, DARREN, CA
[72] WHITE, CHRISTOPHER, CA
[72] HRYSHKO, LARRY, CA
[71] FREED, DARREN, CA
[85] 2017-04-21
[86] 2015-10-23 (PCT/CA2015/051084)
[87] (WO2016/061700)
[30] US (62/068,524) 2014-10-24
[30] CA (PCT/CA2015/050297) 2015-04-10

---

[21] **2,965,406**
[13] A1
[51] **Int.Cl. A01D 34/00 (2006.01) A01D 75/00 (2006.01)**
[25] EN
[54] **UPRIGHT PLACEABLE LAWN MOWER STRUCTURE**
[54] **STRUCTURE DE TONDEUSE POUVANT ETRE POSITIONNEE DE MANIERE INVERSE**
[72] JIAO, WANCHUN, CN
[71] CHANGZHOU GLOBE CO., LTD., CN
[85] 2017-04-21
[86] 2015-07-13 (PCT/CN2015/083834)
[87] (WO2016/065929)
[30] CN (201420622110.7) 2014-10-27

---

[21] **2,965,411**
[13] A1
[51] **Int.Cl. H04R 1/10 (2006.01)**
[25] EN
[54] **OPEN HEADPHONE**
[54] **CASQUE D'ECOUTE OUVERT**
[72] HUANG, MENG, CN
[72] DUAN, XIUHUA, CN
[72] ZHANG, WENLAI, CN
[71] QINGDAO GOERTEK TECHNOLOGY CO., LTD., CN
[85] 2017-04-21
[86] 2015-12-16 (PCT/CN2015/097614)
[87] (WO2016/101830)
[30] CN (201410812531.0) 2014-12-24

---

[21] **2,965,422**
[13] A1
[51] **Int.Cl. C12P 1/00 (2006.01) C07C 29/00 (2006.01) C10L 1/02 (2006.01) C12M 1/00 (2006.01) C12P 3/00 (2006.01) C12P 5/02 (2006.01) C12P 7/06 (2006.01) C12P 7/10 (2006.01) C12P 7/40 (2006.01) C12P 19/00 (2006.01) C13K 1/00 (2006.01) D21C 1/02 (2006.01) D21C 1/10 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR TREATING BIOMASS AND ORGANIC WASTE**
[54] **PROCEDE ET DISPOSITIF POUR LE TRAITEMENT DE BIOMASSE ET DE DECHETS ORGANIQUES**
[72] NILSEN, PAAL JAHRE, NO
[72] HOLTE, HANS RASMUS, NO
[71] CAMBI TECHNOLOGY AS, NO
[85] 2017-04-21
[86] 2015-10-29 (PCT/EP2015/075135)
[87] (WO2016/066752)
[30] EP (14190813.7) 2014-10-29

---

[21] **2,965,435**
[13] A1
[51] **Int.Cl. G01N 29/024 (2006.01) G01N 29/07 (2006.01) G01N 29/44 (2006.01) G01N 1/30 (2006.01)**
[25] EN
[54] **ACCURATELY CALCULATING ACOUSTIC TIME-OF-FLIGHT**
[54] **CALCUL PRECIS D'UN TEMPS DE VOL ACOUSTIQUE**
[72] OTTER, MICHAEL, US
[72] STEVENS, BENJAMIN, US
[72] BAUER, DANIEL, US
[71] VENTANA MEDICAL SYSTEMS, INC., US
[85] 2017-04-21
[86] 2015-12-17 (PCT/EP2015/080252)
[87] (WO2016/097164)
[30] US (62/093,173) 2014-12-17

---

[21] **2,965,466**
[13] A1
[51] **Int.Cl. A01N 47/30 (2006.01) A01N 33/18 (2006.01) A01N 37/22 (2006.01) A01N 37/34 (2006.01) A01N 43/20 (2006.01) A01N 43/40 (2006.01) A01N 43/70 (2006.01) A01N 43/80 (2006.01) A01N 43/824 (2006.01) A01N 47/12 (2006.01) A01N 47/20 (2006.01) A01N 47/36 (2006.01) A01P 13/00 (2006.01)**
[25] EN
[54] **HERBICIDAL COMPOSITION**
[54] **COMPOSITION HERBICIDE**
[72] YAMADA, RYU, JP
[72] OKAMOTO, HIROYUKI, JP
[72] SAITO, YOSHIFUMI, JP
[72] TERADA, TAKASHI, JP
[71] ISHIHARA SANGYO KAISHA, LTD., JP
[85] 2017-04-21
[86] 2015-10-14 (PCT/JP2015/079069)
[87] (WO2016/063778)
[30] JP (2014-215428) 2014-10-22

---

[21] **2,965,498**
[13] A1
[51] **Int.Cl. C07K 14/025 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **CANCER AND SKIN LESION TREATMENT**
[54] **TRAITEMENT DU CANCER ET DE LESIONS CUTANEES**
[72] IOANNIDES, TIM, US
[71] HPVVAX, LLC., US
[85] 2017-04-21
[86] 2015-10-23 (PCT/US2015/057150)
[87] (WO2016/065281)
[30] US (62/068,332) 2014-10-24

[21] **2,965,499**
[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CLINICAL DECISION SUPPORT AND DOCUMENTATION**
[54] **SYSTEMES ET PROCEDES D'AIDE A LA DECISION CLINIQUE ET DE DOCUMENTATION**
[72] PHILLIPS, RICHARD C., US
[71] QUALDOCS MEDICAL, LLC, US
[85] 2017-04-21
[86] 2015-10-23 (PCT/US2015/057174)
[87] (WO2016/065293)
[30] US (62/068,408) 2014-10-24

---

[21] **2,965,500**
[13] A1
[51] **Int.Cl. B01D 15/34 (2006.01)**
[25] EN
[54] **ENRICHMENT OF SMALL NUCLEIC ACIDS**
[54] **ENRICHISSEMENT DE PETITS ACIDES NUCLEIQUES**
[72] ESHOO, MARK W., US
[72] KIM, DAE HYUN, US
[72] GUNDLING, GERARD, US
[72] MARBLE, HERBERT A., US
[71] ABBOTT MOLECULAR INC., US
[85] 2017-04-21
[86] 2015-10-23 (PCT/US2015/057179)
[87] (WO2016/065295)
[30] US (62/068,443) 2014-10-24

---

[21] **2,965,502**
[13] A1
[51] **Int.Cl. A61K 38/00 (2006.01) C07K 14/50 (2006.01)**
[25] EN
[54] **MODIFIED FGF-21 POLYPEPTIDES AND USES THEREOF**
[54] **POLYPEPTIDES FGF-21 MODIFIES ET LEURS UTILISATIONS**
[72] MORIN, PAUL E., US
[72] COHEN, DANIEL, US
[72] MUKHERJEE, RANJAN, US
[72] REILLY, TIMOTHY P., US
[72] CHRISTIAN, ROSE C., US
[72] LIPOVSEK, DASA, US
[72] CAMPHAUSEN, RAY, US
[72] KRUPINSKI, JOHN, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2017-04-21
[86] 2015-10-23 (PCT/US2015/057228)
[87] (WO2016/065326)
[30] US (62/068,523) 2014-10-24
[30] US (62/068,514) 2014-10-24
[30] US (62/068,526) 2014-10-24
[30] US (62/068,534) 2014-10-24
[30] US (62/068,296) 2014-10-24
[30] US (62/141,337) 2015-04-01
[30] US (62/141,383) 2015-04-01

---

[21] **2,965,504**
[13] A1
[51] **Int.Cl. A61M 1/00 (2006.01)**
[25] EN
[54] **SUCTION DEVICE FOR SURGICAL INSTRUMENTS**
[54] **DISPOSITIF D'ASPIRATION POUR INSTRUMENTS CHIRURGICAUX**
[72] MINSKOFF, NOAH MARK, US
[72] JACKSON, JAMES, CA
[72] LEEFLANG, ELISABETH JACQUES, US
[71] INTEGRATED SURGICAL LLC, US
[85] 2017-04-21
[86] 2015-10-23 (PCT/US2015/057241)
[87] (WO2016/065336)
[30] US (62/068,156) 2014-10-24
[30] US (62/243,422) 2015-10-19

---

[21] **2,965,509**
[13] A1
[51] **Int.Cl. A61K 31/7115 (2006.01) A61K 47/10 (2017.01) C12N 1/22 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **DELIVERY ACROSS CELL PLASMA MEMBRANES**
[54] **ADMINISTRATION A TRAVERS DES MEMBRANES PLASMIQUES DE CELLULES**
[72] MAGUIRE, MICHAEL, IE
[72] O'DEA, SHIRLEY, IE
[71] AVECTAS LIMITED, IE
[85] 2017-04-21
[86] 2015-10-23 (PCT/US2015/057247)
[87] (WO2016/065341)
[30] GB (1419012.8) 2014-10-24
[30] GB (1419013.6) 2014-10-24
[30] GB (1419011.0) 2014-10-24

---

[21] **2,965,519**
[13] A1
[51] **Int.Cl. B81C 1/00 (2006.01) B81B 3/00 (2006.01) F04B 43/00 (2006.01)**
[25] EN
[54] **MICROELECTROMECHANICAL SYSTEMS FABRICATED WITH ROLL TO ROLL PROCESSING**
[54] **MICROSYSTEMES ELECTROMECANIQUES FABRIQUES A L'AIDE D'UN TRAITEMENT ROULEAU A ROULEAU**
[72] MARSH, STEPHEN ALAN, US
[71] MARSH, STEPHEN ALAN, US
[85] 2017-04-21
[86] 2015-10-30 (PCT/US2015/058222)
[87] (WO2016/069988)
[30] US (62/073,092) 2014-10-31

[21] **2,965,572**
[13] A1
[51] **Int.Cl. E21B 7/02 (2006.01) E21B 12/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR ORIENTATING, POSITIONING AND MONITORING DRILLING MACHINERY**
[54] **APPAREIL ET PROCEDE POUR ORIENTER, POSITIONNER ET SURVEILLER DE MACHINES DE FORAGE**
[72] MCCRACKEN, CALLUM, AU
[72] BEILBY, MICHAEL, AU
[72] AYRIS, MICHAEL, AU
[71] MINNOVARE LIMITED, AU
[85] 2017-04-18
[86] 2015-10-30 (PCT/AU2015/000649)
[87] (WO2016/065402)
[30] AU (2014904391) 2014-10-31

---

[21] **2,965,573**
[13] A1
[51] **Int.Cl. A63B 22/02 (2006.01)**
[25] EN
[54] **CORDLESS TREADMILL**
[54] **TAPIS ROULANT SANS FIL**
[72] ATHEY, BRETT, US
[71] COREPACT, LLC, US
[85] 2017-04-21
[86] 2015-10-21 (PCT/US2015/056770)
[87] (WO2016/065077)
[30] US (62/067,930) 2014-10-23

---

[21] **2,965,574**
[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/053 (2006.01) A61B 5/07 (2006.01) A61B 5/103 (2006.01) A61B 5/22 (2006.01)**
[25] EN
[54] **APPARATUS FOR TESTING DISTAL COLONIC AND ANORECTAL FUNCTION**
[54] **APPAREIL POUR TESTER LA FONCTION DU COLON DISTAL ET LA FONCTION ANO-RECTALE**
[72] GREGERSEN, HANS, CN
[72] KASSAB, GHASSAN, S., US
[71] GREGERSEN, HANS, CN
[71] KASSAB, GHASSAN, S., US
[85] 2017-04-21
[86] 2015-10-21 (PCT/US2015/056777)
[87] (WO2016/065082)
[30] CN (201420612247.4) 2014-10-22
[30] US (62/239,034) 2015-10-08
[30] US (62/243,051) 2015-10-17

---

[21] **2,965,575**
[13] A1
[51] **Int.Cl. H04B 7/04 (2017.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR BEAM SELECTION USING MULTIPLE FREQUENCIES**
[54] **SYSTEME ET PROCEDE DE SELECTION DE FAISCEAU AU MOYEN DE FREQUENCES MULTIPLES**
[72] KRZYMIEN, LUKASZ, US
[72] ALKHATEEB, AHMED, US
[72] DESAI, VIPUL, US
[72] SARTORI, PHILIPPE, US
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2017-04-24
[86] 2015-10-24 (PCT/CN2015/092784)
[87] (WO2016/062292)
[30] US (62/068,535) 2014-10-24
[30] US (14/920,734) 2015-10-22

---

[21] **2,965,583**
[13] A1
[51] **Int.Cl. E04B 7/02 (2006.01) E04C 3/17 (2006.01) E04G 21/14 (2006.01) E04G 21/28 (2006.01)**
[25] EN
[54] **METHOD FOR ASSEMBLING A WEATHER-PROTECTING ROOF TRUSS AND A WEATHER-PROTECTING ROOF TRUSS BUNDLE**
[54] **PROCEDE DE MONTAGE D'UNE FERME DE TOIT CONTRE LES INTEMPERIES ET D'UN FAISCEAU DE FERMES DE TOIT CONTRE LES INTEMPERIES**
[72] AHONEN, LAURI, FI
[72] AHONEN, LEEVI, FI
[71] VETOKATTO OY, FI
[85] 2017-04-24
[86] 2015-10-28 (PCT/FI2015/050740)
[87] (WO2016/066900)
[30] FI (20145950) 2014-10-30

---

[21] **2,965,589**
[13] A1
[51] **Int.Cl. F24C 3/14 (2006.01) F24C 3/08 (2006.01)**
[25] EN
[54] **ELECTRICITY GENERATION DEVICE WITH A THERMOELECTRIC GENERATOR AND CONTAINER OF COMPRESSED FLUID**
[54] **DISPOSITIF DE GENERATION D'ELECTRICITE COMPRENANT UN GENERATEUR THERMOELECTRIQUE ET UN CONTENANT DE FLUIDE COMPRIME**
[72] TURNER, SPENCER ADAM, GB
[71] TURNER, SPENCER ADAM, GB
[85] 2017-04-24
[86] 2015-10-26 (PCT/GB2015/053211)
[87] (WO2016/063091)
[30] GB (1418999.7) 2014-10-24

---

[21] **2,965,593**
[13] A1
[51] **Int.Cl. G01N 33/53 (2006.01) A61P 25/28 (2006.01) C07K 14/47 (2006.01) G01N 33/536 (2006.01)**
[25] EN
[54] **A METHOD AND A KIT TO PREDICT PROGNOSIS IN PATIENTS WITH RELAPSING REMITTING MULTIPLE SCLEROSIS AND POOR PROGNOSIS: A DECISION MAKING TOOL FOR PRESCRIPTION OF TREATMENT**
[54] **PROCEDE ET KIT POUR ETABLIR LE PRONOSTIC CHEZ DES PATIENTS ATTEINTS DE SCLEROSE EN PLAQUES RECURRENTE-REMITTENTE ET PRONOSTIC SOMBRE : OUTIL DE PRISE DE DECISION POUR LA PRESCRIPTION D'UN TRAITEMENT**
[72] PARDO, EVELYN, CL
[72] URIBE, REINALDO, CL
[72] CIAMPI, ETHEL, CL
[72] CURKOVICH, CRISTOBAL, CL
[72] GONZALEZ, ALFONSO, CL
[72] CARCAMO, CLAUDIA, CL
[72] SOZA, ANDREA, CL
[71] PONTIFICIA UNIVERSIDAD CATOLICA DE CHILE, CL
[85] 2017-04-24
[86] 2015-10-23 (PCT/IB2015/058172)
[87] (WO2016/063253)
[30] US (62/067,554) 2014-10-23

[21] **2,965,594**
[13] A1
[51] **Int.Cl. F41A 17/08 (2006.01)**
[25] EN
[54] **SYSTEM, DEVICE AND METHOD FOR THE PREVENTION OF FRIENDLY FIRE INCIDENTS**
[54] **SYSTEME, DISPOSITIF ET PROCEDE DE PREVENTION D'INCIDENTS DE TIR AMI**
[72] SCHECHTER, AMIR, IL
[71] SAFESHOOT LTD., IL
[85] 2017-04-24
[86] 2014-10-24 (PCT/IL2014/050925)
[87] (WO2015/059708)
[30] IL (229078) 2013-10-24

---

[21] **2,965,599**
[13] A1
[51] **Int.Cl. B05C 21/00 (2006.01) B65D 1/36 (2006.01)**
[25] EN
[54] **IMPROVED PAINT ROLLER PAINT TRAY**
[54] **PLATEAU DE PEINTURE POUR ROULEAU DE PEINTURE AMELIORE**
[72] ANDRESEN, DEE LYNN, US
[71] ANDRESEN, DEE LYNN, US
[85] 2017-04-24
[86] 2015-11-16 (PCT/IB2015/058856)
[87] (WO2016/075675)
[30] US (62/080,036) 2014-11-14

---

[21] **2,965,601**
[13] A1
[51] **Int.Cl. B65G 1/00 (2006.01) B65G 17/40 (2006.01)**
[25] EN
[54] **ROTATING VERTICAL STORAGE SYSTEM FOR BARRELS**
[54] **SYSTEME DE STOCKAGE VERTICAL ROTATIF POUR BARILS**
[72] O'CONNELL, BRIAN, US
[71] O'CONNELL, BRIAN, US
[85] 2017-04-24
[86] 2015-12-03 (PCT/IB2015/059307)
[87] (WO2016/088070)
[30] US (62/087,737) 2014-12-04
[30] US (62/116,465) 2015-02-15
[30] US (62/161,931) 2015-05-15
[30] US (62/196,610) 2015-07-24

---

[21] **2,965,602**
[13] A1
[51] **Int.Cl. C09K 3/10 (2006.01) C08K 3/26 (2006.01) C08L 21/00 (2006.01) C08L 47/00 (2006.01)**
[25] EN
[54] **SEALANT COMPOSITION**
[54] **COMPOSITION DE MATERIAU D'ETANCHEITE**
[72] KANBARA, HIROSHI, JP
[72] HIRATA, KEI, JP
[71] KURARAY CO., LTD., JP
[71] AMYRIS, INC., US
[85] 2017-04-24
[86] 2015-10-27 (PCT/JP2015/080271)
[87] (WO2016/068141)
[30] JP (2014-219526) 2014-10-28

---

[21] **2,965,604**
[13] A1
[51] **Int.Cl. H01M 4/88 (2006.01) B05D 1/26 (2006.01) B05D 7/24 (2006.01) B32B 5/18 (2006.01) B32B 9/04 (2006.01) H01M 4/86 (2006.01) H01M 4/96 (2006.01) H01M 8/02 (2016.01) H01M 8/10 (2016.01)**
[25] EN
[54] **GAS DIFFUSION ELECTRODE SUBSTRATE AND METHOD FOR PRODUCING GAS DIFFUSION ELECTRODE SUBSTRATE**
[54] **ELECTRODE DE DIFFUSION DE GAZ ET PROCEDE DE PRODUCTION DE BASE D'ELECTRODE DE DIFFUSION DE GAZ**
[72] UTSUNOMIYA, MASAMICHI, JP
[72] TANIMURA, YASUAKI, JP
[72] KAMAE, TOSHIYA, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2017-04-24
[86] 2015-10-29 (PCT/JP2015/080570)
[87] (WO2016/076132)
[30] JP (2014-228574) 2014-11-11

---

[21] **2,965,605**
[13] A1
[51] **Int.Cl. B32B 5/28 (2006.01) B29B 11/12 (2006.01) B29C 43/18 (2006.01) B29C 45/14 (2006.01)**
[25] EN
[54] **LAMINATE, INTEGRATED MOLDING, AND METHOD FOR PRODUCING SAME**
[54] **STRATIFIE, PRODUIT MOULE INTEGRE ET SON PROCEDE DE FABRICATION**
[72] FUJIOKA, TAKASHI, JP
[72] HONMA, MASATO, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2017-04-24
[86] 2015-11-10 (PCT/JP2015/081560)
[87] (WO2016/080238)
[30] JP (2014-233417) 2014-11-18
[30] JP (2014-233418) 2014-11-18

---

[21] **2,965,606**
[13] A1
[51] **Int.Cl. F16B 35/00 (2006.01) B29C 45/00 (2006.01) F16B 37/00 (2006.01)**
[25] EN
[54] **FIBER REINFORCED RESIN SCREW**
[54] **VIS EN RESINE RENFORCEE PAR DES FIBRES**
[72] IKADA, AKIRA, JP
[72] HORIE, NAOHIRO, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2017-04-24
[86] 2015-11-19 (PCT/JP2015/083300)
[87] (WO2016/080554)
[30] JP (2014-236516) 2014-11-21

[21] **2,965,607**
[13] A1
[51] **Int.Cl. F04D 29/32 (2006.01) F02C 7/00 (2006.01) F04D 29/02 (2006.01) F04D 29/70 (2006.01) C23C 14/06 (2006.01)**
[25] EN
[54] **COMPRESSOR VANE OR BLADE FOR ENGINE**
[54] **PALE DE COMPRESSEUR POUR MOTEUR**
[72] ARAKI, TAKAHITO, JP
[72] TANAKA, YUTA, JP
[72] KAKINUMA, KAZUHIKO, JP
[72] BABA, MASANOBU, JP
[72] OTERA, ISSEI, JP
[72] MORISHITA, KANA, JP
[72] KOSEKI, SHUHO, JP
[71] IHI CORPORATION, JP
[71] HITACHI METALS, LTD., JP
[85] 2017-04-24
[86] 2015-12-17 (PCT/JP2015/085299)
[87] (WO2016/104303)
[30] JP (2014-262590) 2014-12-25

---

[21] **2,965,608**
[13] A1
[51] **Int.Cl. G06F 9/445 (2006.01)**
[25] EN
[54] **INFORMATION PROCESSING SYSTEM, INFORMATION PROCESSING DEVICE, AND INFORMATION PROCESSING METHOD**
[54] **SYSTEME, DISPOSITIF ET PROCEDE DE TRAITEMENT D'INFORMATIONS**
[72] HAN, XIAOFENG, JP
[71] RICOH COMPANY, LIMITED, JP
[85] 2017-04-24
[86] 2015-10-27 (PCT/JP2015/005397)
[87] (WO2016/067601)
[30] JP (2014-218991) 2014-10-28

---

[21] **2,965,609**
[13] A1
[51] **Int.Cl. C12N 5/079 (2010.01) A61K 35/44 (2015.01) A61L 27/00 (2006.01) A61P 27/02 (2006.01) C12N 5/10 (2006.01) C12Q 1/02 (2006.01)**
[25] EN
[54] **PRODUCTION METHOD FOR RETINAL TISSUE**
[54] **PROCEDE DE PRODUCTION DE TISSU RETINIEN**
[72] KUWAHARA, ATSUSHI, JP
[72] YAMASAKI, SUGURU, JP
[72] HIRAMINE, YASUSHI, JP
[72] SASAI, YOSHIKI (DECEASED), ZZ
[72] TAKAHASHI, MASAYO, ZZ
[71] SUMITOMO DAINIPPON PHARMA CO., LTD., JP
[71] RIKEN, JP
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[85] 2017-04-24
[86] 2015-10-23 (PCT/JP2015/080017)
[87] (WO2016/063986)
[30] JP (2014-217868) 2014-10-24

---

[21] **2,965,610**
[13] A1
[51] **Int.Cl. C09D 183/04 (2006.01) G02B 1/14 (2015.01) C09D 7/12 (2006.01) G02B 5/23 (2006.01) G02C 7/02 (2006.01) G02C 7/10 (2006.01)**
[25] EN
[54] **COATING COMPOSITION AND OPTICAL ARTICLE HAVING A COAT LAYER MADE OF THE COATING COMPOSITION**
[54] **COMPOSITION DE REVETEMENT ET PRODUIT OPTIQUE PRESENTANT UNE COUCHE DE REVETEMENT REALISEE A PARTIR DE LADITE COMPOSITION DE REVETEMENT**
[72] MORI, KATSUHIRO, JP
[71] TOKUYAMA CORPORATION, JP
[85] 2017-04-24
[86] 2015-12-02 (PCT/JP2015/084458)
[87] (WO2016/088901)
[30] JP (2014-245502) 2014-12-04

---

[21] **2,965,615**
[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01) A61B 5/05 (2006.01) G06K 9/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MANAGING PAIN**
[54] **PROCEDE ET SYSTEME DE GESTION DE LA DOULEUR**
[72] GADOT, RONEN, IL
[72] GEVA, AMIR B., IL
[72] RECHES, AMIT, IL
[72] STERN, YAKI, IL
[71] ELMINDA LTD., IL
[85] 2017-04-24
[86] 2014-11-11 (PCT/IL2014/050981)
[87] (WO2015/071901)
[30] US (61/903,596) 2013-11-13

---

[21] **2,965,616**
[13] A1
[51] **Int.Cl. A61B 5/083 (2006.01)**
[25] EN
[54] **BREATH ACETONE MONITOR AND METHOD OF DETECTING BREATH ACETONE**
[54] **APPAREIL DE MESURE DE L'ACETONE DANS L'HALEINE ET PROCEDE POUR DETECTER L'ACETONE DANS L'HALEINE**
[72] PRIEFER, RONNY, US
[72] RUST, MICHAEL J., US
[71] WESTERN NEW ENGLAND UNIVERSITY, US
[85] 2017-04-24
[86] 2014-11-05 (PCT/US2014/064029)
[87] (WO2015/073271)
[30] US (61/904,633) 2013-11-15
[30] US (14/529,336) 2014-10-31

[21] **2,965,617**
[13] A1
[51] **Int.Cl. G06F 21/12 (2013.01) G06F 21/33 (2013.01) G06F 17/28 (2006.01) H04N 1/00 (2006.01)**
[25] EN
[54] **INFORMATION PROCESSING SYSTEM, INFORMATION PROCESSING APPARATUS, AND INFORMATION PROCESSING METHOD**
[54] **SYSTEME DE TRAITEMENT D'INFORMATIONS, APPAREIL DE TRAITEMENT D'INFORMATIONS ET PROCEDE DE TRAITEMENT D'INFORMATIONS**
[72] HAN, XIAOFENG, JP
[71] RICOH COMPANY, LIMITED, JP
[85] 2017-04-24
[86] 2015-10-22 (PCT/JP2015/005319)
[87] (WO2016/067571)
[30] JP (2014-220828) 2014-10-29

---

[21] **2,965,618**
[13] A1
[51] **Int.Cl. E21B 43/22 (2006.01) C09K 8/02 (2006.01) E21B 47/06 (2012.01)**
[25] EN
[54] **DETERMINING DEPTH OF LOSS ZONES IN SUBTERRANEAN FORMATIONS**
[54] **DETERMINATION DE PROFONDEUR DE ZONES DE PERTES DANS DES FORMATIONS SOUTERRAINES**
[72] YERUBANDI, KRISHNA BABU, US
[72] SAVERY, MARK RYAN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-04-24
[86] 2014-11-26 (PCT/US2014/067545)
[87] (WO2016/085483)

---

[21] **2,965,620**
[13] A1
[51] **Int.Cl. E21B 33/13 (2006.01) C09K 8/42 (2006.01) E21B 33/14 (2006.01)**
[25] EN
[54] **METHOD FOR USING MANAGED PRESSURE DRILLING WITH EPOXY RESIN**
[54] **PROCEDE D'UTILISATION DE FORAGE SOUS PRESSION GEREE A L'AIDE D'UNE RESINE EPOXY**
[72] JONES, PAUL JOSEPH, US
[72] FUNKHOUSER, GARY P., US
[72] MORGAN, RONNIE GLEN, US
[72] LOVORN, JAMES RANDOLPH, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-04-24
[86] 2014-12-10 (PCT/US2014/069605)
[87] (WO2016/093827)

---

[21] **2,965,622**
[13] A1
[51] **Int.Cl. E21B 47/107 (2012.01) E21B 33/03 (2006.01) E21B 33/06 (2006.01)**
[25] EN
[54] **BLOWOUT RATE CORRECTION METHODS AND SYSTEMS**
[54] **PROCEDES ET SYSTEMES DE CORRECTION DE DEBIT D'ERUPTION**
[72] HAGHSHENAS, ARASH, US
[72] HESS, JOE E., US
[72] CUTHBERT, ANDREW JOHN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-04-24
[86] 2014-12-18 (PCT/US2014/071116)
[87] (WO2016/099506)

---

[21] **2,965,623**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 35/00 (2006.01) A61K 39/395 (2006.01) A61P 31/00 (2006.01)**
[25] EN
[54] **ANTI-PD-1 ANTIBODIES**
[54] **ANTICORPS ANTI-PD-1**
[72] WANG, CHENG-I, SG
[72] OH, HSUEH LING JANICE, SG
[72] YEO, SIOK PING, SG
[72] LOW, JIANRONG LIONEL, SG
[72] TAN, HWEE CHING, SG
[71] AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH, SG
[85] 2017-04-24
[86] 2015-10-27 (PCT/SG2015/050413)
[87] (WO2016/068801)
[30] GB (1419084.7) 2014-10-27

---

[21] **2,965,625**
[13] A1
[51] **Int.Cl. E21B 37/00 (2006.01) C09K 8/532 (2006.01) E21B 37/06 (2006.01)**
[25] EN
[54] **ACRYLONITRILE-BASED SULFUR SCAVENGING AGENTS FOR USE IN OILFIELD OPERATIONS**
[54] **AGENTS DE PIEGEAGE DU SOUFRE A BASE D'ACRYLONITRILE DESTINES A ETRE UTILISES DANS DES OPERATIONS EN CHAMP PETROLIFERE**
[72] SHI, LIU, US
[72] ZHAO, FUNIAN, US
[72] QU, LIANGWEI, US
[72] HARLESS, MICHAEL, US
[72] HOPPE, RON, CA
[71] MULTI-CHEM GROUP, LLC, US
[85] 2017-04-24
[86] 2014-12-23 (PCT/US2014/072072)
[87] (WO2016/105371)

[21] **2,965,627**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61P 31/00 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **ANTI-TIM-3 ANTIBODIES**
[54] **ANTICORPS ANTI-TIM -3**
[72] WANG, CHENG-I, SG
[72] OH, HSUEH LING JANICE, SG
[72] YEO, SIOK PING, SG
[72] GOH, YUN PEI SHARON, SG
[71] AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH, SG
[85] 2017-04-24
[86] 2015-10-27 (PCT/SG2015/050414)
[87] (WO2016/068802)
[30] GB (1419094.6) 2014-10-27

---

[21] **2,965,628**
[13] A1
[51] **Int.Cl. G01M 11/02 (2006.01) G01H 11/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR CHARACTERIZATION OF FBG REFLECTOR ARRAY**
[54] **APPAREIL ET PROCEDE DE CARACTERISATION DE RESEAU DE REFLECTEURS DE RESEAU DE BRAGG SUR FIBRE**
[72] CHOI, HAN-SUN, US
[72] JAASKELAINEN, MIKKO, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-04-24
[86] 2014-12-23 (PCT/US2014/072250)
[87] (WO2016/105401)

---

[21] **2,965,630**
[13] A1
[51] **Int.Cl. E21B 47/00 (2012.01) G01V 5/04 (2006.01) G01V 5/12 (2006.01)**
[25] EN
[54] **NEAR-BIT GAMMA RAY SENSORS IN A ROTATING SECTION OF A ROTARY STEERABLE SYSTEM**
[54] **CAPTEURS DE RAYONS GAMMA PROCHES DU TREPAN DANS UNE SECTION ROTATIVE D'UN SYSTEME ROTATIF ORIENTABLE**
[72] DODDS, LAUREN JANE, CA
[72] ZACHARKO, JONATHAN PETER, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-04-24
[86] 2014-12-24 (PCT/US2014/072325)
[87] (WO2016/105406)

---

[21] **2,965,631**
[13] A1
[51] **Int.Cl. B60K 15/077 (2006.01)**
[25] EN
[54] **FAIL-SAFE CONTAINMENT DEVICE FOR CONTAINING VOLATILE FLUIDS**
[54] **DISPOSITIF DE CONFINEMENT A SECURITE INTEGREE DESTINE A CONTENIR DES FLUIDES VOLATILS**
[72] ABDI, FRANCIS F., US
[72] SURDENAS, JONAS, US
[72] TALAGANI, MOHAMAD REZA, US
[71] H2SAFE, LLC, US
[85] 2017-04-24
[86] 2015-08-04 (PCT/US2015/043675)
[87] (WO2016/064461)
[30] US (62/068,574) 2014-10-24
[30] US (62/102,087) 2015-01-11
[30] US (62/128,493) 2015-03-04

---

[21] **2,965,645**
[13] A1
[51] **Int.Cl. E21B 44/00 (2006.01) E21B 47/09 (2012.01)**
[25] EN
[54] **DETERMINING DOMINANT SCENARIOS FOR SLOWING DOWN TRIP SPEEDS**
[54] **DETERMINATION DE SCENARIOS DOMINANTS POUR RALENTIR DES VITESSES DE FORAGE**
[72] WISE, MATTHEW EDWIN, US
[72] URDANETA, GUSTAVO ADOLFO, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2017-04-24
[86] 2014-12-02 (PCT/US2014/068032)
[87] (WO2016/089364)

---

[21] **2,965,648**
[13] A1
[51] **Int.Cl. C09J 157/10 (2006.01) C09J 129/12 (2006.01) C09J 133/04 (2006.01)**
[25] EN
[54] **PRESSURE SENSITIVE ADHESIVE COMPOSITIONS**
[54] **COMPOSITIONS ADHESIVES SENSIBLES A LA PRESSION**
[72] LACHAPELL, ANDREW, US
[72] GUO, JONG, US
[71] SYNTHOMER USA LLC, US
[85] 2017-04-24
[86] 2015-10-22 (PCT/US2015/056888)
[87] (WO2016/065133)
[30] US (14/523,380) 2014-10-24

[21] **2,965,657**
[13] A1
[51] **Int.Cl. C12N 1/08 (2006.01) B01D 27/00 (2006.01) B01D 63/00 (2006.01) C12M 3/00 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **SAMPLE PREPARATION VESSELS, MICROFLUIDIC CIRCUITS, AND SYSTEMS AND METHODS FOR SAMPLE PREPARATION, EXTRACTION, AND ANALYSIS**
[54] **RECIPIENTS DE PREPARATION D'ECHANTILLONS, CIRCUITS MICROFLUIDIQUES, AINSI QUE SYSTEMES ET PROCEDES DE PREPARATION, D'EXTRACTION ET D'ANALYSE D'ECHANTILLONS**
[72] SHAFFER, DANIEL, US
[71] ENVIROLOGIX INC., US
[85] 2017-04-24
[86] 2015-10-21 (PCT/US2015/056641)
[87] (WO2016/069345)
[30] US (62/069,800) 2014-10-28

---

[21] **2,965,658**
[13] A1
[51] **Int.Cl. H04B 5/00 (2006.01)**
[25] EN
[54] **SYSTEM, DEVICE, AND METHOD FOR ELECTRONIC DEVICE ACTIVATION**
[54] **SYSTEME, DISPOSITIF ET PROCEDE POUR UNE ACTIVATION DE DISPOSITIF ELECTRONIQUE**
[72] ARANYOSI, ALEXANDER J., US
[72] LEE, STEPHEN, US
[72] LOWE, JARED, US
[71] MC10, INC., US
[85] 2017-04-21
[86] 2015-11-11 (PCT/US2015/060184)
[87] (WO2016/081244)
[30] US (62/081,192) 2014-11-18

---

[21] **2,965,661**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) C12P 19/34 (2006.01)**
[25] EN
[54] **REAGENTS AND METHODS FOR ISOTHERMAL CHAIN REACTION**
[54] **REACTIFS ET PROCEDES POUR REACTION ISOTHERME EN CHAINE**
[72] MANCEBO, RICARDO, US
[71] MANCEBO, RICARDO, US
[85] 2017-04-24
[86] 2015-10-22 (PCT/US2015/057015)
[87] (WO2016/065207)
[30] US (62/067,733) 2014-10-23

---

[21] **2,965,663**
[13] A1
[51] **Int.Cl. A61K 35/74 (2015.01) A23C 9/12 (2006.01) A61K 31/702 (2006.01) A61P 1/00 (2006.01)**
[25] EN
[54] **ACTIVATED BIFIDOBACTERIA AND METHODS OF USE THEREOF**
[54] **BIFIDOBACTERIES ACTIVEES ET LEURS METHODES D'UTILISATION**
[72] KYLE, DAVID, US
[72] MILLS, DAVID, US
[72] FREEMAN-SHARKEY, SAMARA, US
[71] EVOLVE BIOSYSTEMS INC., US
[85] 2017-04-24
[86] 2015-10-23 (PCT/US2015/057226)
[87] (WO2016/065324)
[30] US (62/068,553) 2014-10-24
[30] US (62/133,243) 2015-03-13

---

[21] **2,965,664**
[13] A1
[51] **Int.Cl. E05F 15/00 (2015.01)**
[25] EN
[54] **CLUTCH MECHANISM BETWEEN LEADSCREW AND ELECTRIC MOTOR**
[54] **MECANISME D'EMBRAYAGE ENTRE VIS MERE ET MOTEUR ELECTRIQUE**
[72] HEIDRICH, PETER, US
[72] GIANNIS, PETER M., US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
[85] 2017-04-24
[86] 2015-10-26 (PCT/US2015/057348)
[87] (WO2016/069464)
[30] US (62/069,953) 2014-10-29

---

[21] **2,965,665**
[13] A1
[51] **Int.Cl. C07F 5/06 (2006.01) A61K 38/04 (2006.01) C07D 475/04 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR IMPROVED LABELING OF TARGETING PEPTIDES**
[54] **PROCEDES ET COMPOSITIONS DE MARQUAGE AMELIORE DE PEPTIDES DE CIBLAGE**
[72] MCBRIDE, WILLIAM J., US
[72] GOLDENBERG, DAVID M., US
[71] IMMUNOMEDICS, INC., US
[85] 2017-04-24
[86] 2015-10-26 (PCT/US2015/057350)
[87] (WO2016/077061)
[30] US (62/078,657) 2014-11-12
[30] US (14/755,712) 2015-06-30

---

[21] **2,965,666**
[13] A1
[51] **Int.Cl. H01F 27/02 (2006.01) H01F 27/10 (2006.01) F41H 5/04 (2006.01)**
[25] EN
[54] **A HARDENED INDUCTIVE DEVICE AND SYSTEMS AND METHODS FOR PROTECTING THE INDUCTIVE DEVICE FROM CATASTROPHIC EVENTS**
[54] **DISPOSITIF INDUCTIF RENFORCE AINSI QUE SYSTEMES ET PROCEDES DE PROTECTION DU DISPOSITIF INDUCTIF CONTRE DES EVENEMENTS CATASTROPHIQUES**
[72] FRIMPONG, GEORGE K., US
[72] PRIETO, ALBERTO, US
[72] MOUSAVI, MIRRASOUL J., US
[72] STOUPIS, JAMES, US
[72] TENYENHUIS, ED G., CA
[72] SCHUELLER, JEREMY R., US
[72] BLEICH, ANDREW, US
[72] SULLIVAN, ELIZABETH D., US
[72] LAMBERT, CLAUDE J., CA
[72] FISKERUD, PETTER A., US
[72] WALL, ANDREW J., US
[72] MCLEISH, GARY C., CA
[72] MCDONALD, THOMAS, CA
[72] KUPIEC, RONALD A., US
[71] ABB SCHWEIZ AG, CH
[85] 2017-04-24
[86] 2015-10-22 (PCT/US2015/056910)
[87] (WO2016/065143)
[30] US (62/068,495) 2014-10-24
[30] US (62/238,196) 2015-10-07

[21] **2,965,668**
[13] A1
[51] **Int.Cl. G06F 3/14 (2006.01) H04W 4/24 (2009.01) H04W 8/18 (2009.01)**
[25] EN
[54] **FINANCIAL STATUS DISPLAY**
[54] **DISPOSITIF D'AFFICHAGE D'ETAT FINANCIER**
[72] KOEPPEL, ADAM R., US
[72] NIDERBERG, ALEX L., US
[71] CAPITAL ONE SERVICES, LLC, US
[85] 2017-04-24
[86] 2015-10-22 (PCT/US2015/056995)
[87] (WO2016/065193)
[30] US (62/067,525) 2014-10-23

---

[21] **2,965,669**
[13] A1
[51] **Int.Cl. B65D 63/08 (2006.01)**
[25] EN
[54] **ANTI-SLIP TIE WITH WAVE SPRINGS**
[54] **ATTACHE ANTIDERAPANTE A RESSORTS ONDULES**
[72] COLE, ANDREW C., US
[72] RUFTY, RYAN M., US
[71] THOMAS & BETTS INTERNATIONAL LLC, US
[85] 2017-04-24
[86] 2015-10-22 (PCT/US2015/056999)
[87] (WO2016/065195)
[30] US (62/067,856) 2014-10-23

---

[21] **2,965,670**
[13] A1
[51] **Int.Cl. B32B 17/06 (2006.01)**
[25] EN
[54] **QUATERNARY PHOSPHONIUM COATED SURFACES AND METHODS OF MAKING THE SAME**
[54] **SURFACES A REVETEMENT DE PHOSPHONIUM QUATERNAIRE ET PROCEDES DE PRODUCTION DE CELLES-CI**
[72] CLEVENGER, RANDY, US
[72] SE-HO, KIM, US
[71] ORTHOBOND, INC., US
[85] 2017-04-24
[86] 2015-10-26 (PCT/US2015/057374)
[87] (WO2016/065358)
[30] US (62/068,347) 2014-10-24

---

[21] **2,965,671**
[13] A1
[51] **Int.Cl. A61K 31/385 (2006.01) A61P 3/10 (2006.01) A61P 39/06 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR THE TREATMENT OF PRE-DIABETES, DIABETES AND METABOLIC SYNDROME**
[54] **PROCEDES ET COMPOSITIONS PERMETTANT LE TRAITEMENT DE PRE-DIABETE, DE DIABETE ET DE SYNDROME METABOLIQUE**
[72] SHORR, ROBERT, US
[71] SHORR, ROBERT, US
[85] 2017-04-24
[86] 2015-10-26 (PCT/US2015/057382)
[87] (WO2016/065360)
[30] US (62/068,028) 2014-10-24

---

[21] **2,965,672**
[13] A1
[51] **Int.Cl. B25J 19/02 (2006.01) G06Q 30/06 (2012.01) G05D 1/00 (2006.01)**
[25] EN
[54] **CUSTOMER SERVICE ROBOT AND RELATED SYSTEMS AND METHODS**
[54] **ROBOT DE SERVICE CLIENT ET SYSTEMES ET PROCEDES ASSOCIES**
[72] MASCORRO MEDINA, MARCO O., US
[72] FAN, ZHENGQIN, US
[72] RANATUNGA, THAVIDU, US
[72] BARRY, DANIEL T., US
[72] SINHA, UTKARSH, US
[72] KAZA, SIVAPRIYA, US
[72] KRISHNA, VARUN, US
[71] FELLOW, INC., US
[85] 2017-04-24
[86] 2015-10-26 (PCT/US2015/057392)
[87] (WO2016/065362)
[30] US (62/068,474) 2014-10-24

---

[21] **2,965,673**
[13] A1
[51] **Int.Cl. C09K 8/524 (2006.01) C08F 222/08 (2006.01) C08L 25/08 (2006.01) C10L 1/10 (2006.01) C10L 1/196 (2006.01) C10L 10/18 (2006.01) C10M 145/04 (2006.01) F17D 1/16 (2006.01)**
[25] EN
[54] **COMPOSITION AND METHOD FOR DISPERSING PARAFFINS IN CRUDE OILS**
[54] **COMPOSITION ET PROCEDE DE DISPERSION DE PARAFFINES DANS LES PETROLES BRUTS**
[72] SORIANO, NESTOR U., US
[72] PEYTON, KIM B., US
[72] STARK, JOSEPH L., US
[72] COMPTON, DENNIS R., US
[72] SOLOMON, KIM R., US
[71] ECOLAB USA INC., US
[85] 2017-04-24
[86] 2015-10-27 (PCT/US2015/057457)
[87] (WO2016/069524)
[30] US (14/525,158) 2014-10-27

---

[21] **2,965,674**
[13] A1
[51] **Int.Cl. G01F 15/06 (2006.01) G06Q 50/06 (2012.01) G01D 4/02 (2006.01) G01F 15/07 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR RESOURCE CONSUMPTION ANALYTICS**
[54] **SYSTEMES ET PROCEDES POUR L'ANALYSE DE LA CONSOMMATION DE RESSOURCES**
[72] ROSE, MATTHEW W., US
[72] BURNS, FRANK, US
[72] REMMERS, TOM, US
[72] PETERSON, MATT MAHER, US
[71] APANA INC., US
[85] 2017-04-24
[86] 2015-10-27 (PCT/US2015/057588)
[87] (WO2016/069605)
[30] US (62/069,820) 2014-10-28
[30] US (62/238,651) 2015-10-07
[30] US (14/923,161) 2015-10-26

[21] **2,965,676**
[13] A1
[51] **Int.Cl. C09D 5/08 (2006.01) C08G 18/58 (2006.01) C08K 3/36 (2006.01) C09D 5/44 (2006.01) C09D 163/00 (2006.01) C25D 13/08 (2006.01)**
[25] EN
[54] **HIGH EDGE CATHODIC EPOXY ELECTROCOAT COMPOSITION**
[54] **COMPOSITION DE REVETEMENT ELECTROLYTIQUE CATHODIQUE DE TYPE EPOXY PERMETTANT UNE RESISTANCE DES BORDS ELEVEE**
[72] TERSTEEG, JILL, US
[71] VALSPAR SOURCING, INC., US
[85] 2017-04-24
[86] 2015-10-27 (PCT/US2015/057493)
[87] (WO2016/069545)
[30] US (62/073,367) 2014-10-31

---

[21] **2,965,677**
[13] A1
[51] **Int.Cl. A61N 1/04 (2006.01) A61N 1/36 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MONITORING AND TREATING A MEDICAL CONDITION VIA POSTERIOR TIBIAL NERVE STIMULATION**
[54] **PROCEDE ET SYSTEME PERMETTANT DE SURVEILLER ET DE TRAITER UNE AFFECTION PAR L'INTERMEDIAIRE D'UNE STIMULATION DU NERF TIBIAL POSTERIEUR**
[72] SCHEPIS, ERIC A., US
[72] DUMAS, NICOLE, US
[72] TATE, MARTHA, US
[71] AVENT, INC., US
[85] 2017-04-24
[86] 2015-10-28 (PCT/US2015/057707)
[87] (WO2016/069687)
[30] US (62/073,412) 2014-10-31

---

[21] **2,965,678**
[13] A1
[51] **Int.Cl. C07K 1/14 (2006.01) B65B 3/22 (2006.01) B67B 3/24 (2006.01)**
[25] EN
[54] **AN IMPROVED MANUFACTURING METHOD**
[54] **PROCEDE DE FABRICATION AMELIORE**
[72] CHOUDHARY, SURESHKUMAR, US
[72] MEZGHEBE, TESFU, US
[72] HOUCHIN, MARY, US
[72] VERNOOIJ, ERIC, NL
[72] PETERS, MARJO, NL
[72] CORCORAN, MARTA, US
[72] KIM, YOEN JOO, US
[72] CAO, MINGYAN, US
[71] MEDIMMUNE, LLC, US
[85] 2017-04-24
[86] 2015-10-30 (PCT/US2015/058241)
[87] (WO2016/069999)
[30] US (62/073,459) 2014-10-31

---

[21] **2,965,679**
[13] A1
[51] **Int.Cl. A01N 59/00 (2006.01)**
[25] EN
[54] **MICROORGANISM-RESISTANT MATERIALS AND ASSOCIATED DEVICES, SYSTEMS, AND METHODS**
[54] **MATIERES RESISTANT AUX MICRO-ORGANISMES ET DISPOSITIFS, SYSTEMES ET PROCEDES ASSOCIES**
[72] BOWDEN, ANTON, US
[72] JENSEN, BRIAN, US
[72] MORCO, STEPHANIE, US
[71] BRIGHAM YOUNG UNIVERSITY, US
[85] 2017-04-24
[86] 2015-10-28 (PCT/US2015/057908)
[87] (WO2016/069811)
[30] US (62/122,723) 2014-10-28

---

[21] **2,965,680**
[13] A1
[51] **Int.Cl. B65G 17/24 (2006.01)**
[25] EN
[54] **ACTIVATED VARIABLE HEIGHT ROLLERS FOR AN ACTIVE CONTROL ROLLER TOP CONVEYING ASSEMBLY**
[54] **ROULEAUX ACTIVES A HAUTEUR VARIABLE POUR UN ENSEMBLE DE TRANSPORT SUR ROULEAUX A COMMANDE ACTIVE**
[72] STEFANKO, JUSTIN MICHAEL, US
[72] GABOR, PHILIP MICHAEL, US
[71] REXNORD INDUSTRIES, LLC, US
[85] 2017-04-24
[86] 2015-10-30 (PCT/US2015/058243)
[87] (WO2016/070000)
[30] US (62/073,495) 2014-10-31

---

[21] **2,965,682**
[13] A1
[51] **Int.Cl. H05H 1/08 (2006.01) H05H 1/14 (2006.01) H05H 3/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR FORMING AND MAINTAINING A HIGH PERFORMANCE FRC**
[54] **SYSTEMES ET PROCEDES DE FORMATION ET DE MAINTIEN D'UNE FRC A HAUTE PERFORMANCE**
[72] BINDERBAUER, MICHL, US
[72] GARATE, EUSEBIO, US
[72] PUTVINSKI, SERGEI, US
[72] GOTA, HIROSHI, US
[71] TRI ALPHA ENERGY, INC., US
[85] 2017-04-24
[86] 2015-10-30 (PCT/US2015/058473)
[87] (WO2016/070126)
[30] US (62/072,611) 2014-10-30

[21] **2,965,683**
[13] A1
[51] **Int.Cl. A61N 5/10 (2006.01)**
[25] EN
[54] **SYSTEM FOR DETECTING STENT SLIPPAGE, METHOD FOR DETECTING STENT SLIPPAGE**
[54] **SYSTEME DE DETECTION DE GLISSEMENT D'ENDOPROTHESE, PROCEDE DE DETECTION DE GLISSEMENT D'ENDOPROTHESE**
[72] HERSKOVIC, ARNOLD, US
[71] HERSKOVIC, ARNOLD, US
[85] 2017-04-24
[86] 2015-11-02 (PCT/US2015/058589)
[87] (WO2016/073342)
[30] US (62/074,224) 2014-11-03

[21] **2,965,690**
[13] A1
[51] **Int.Cl. A61K 31/00 (2006.01)**
[25] EN
[54] **METHODS TO TARGET TRANSCRIPTIONAL CONTROL AT SUPER-ENHANCER REGIONS**
[54] **METHODES POUR CIBLER LE CONTROLE TRANSCRIPTIONNEL AU NIVEAU DES REGIONS SUPER-AMPLIFICATRICES**
[72] WARNER, STEVEN L., US
[72] BEARSS, DAVID J., US
[71] TOLERO PHARMACEUTICALS, INC., US
[85] 2017-04-24
[86] 2015-11-06 (PCT/US2015/059566)
[87] (WO2016/073913)
[30] US (62/077,042) 2014-11-07
[30] US (62/150,110) 2015-04-20

[21] **2,965,693**
[13] A1
[51] **Int.Cl. C22B 1/24 (2006.01) C08J 3/12 (2006.01) C22B 1/243 (2006.01) C22B 1/244 (2006.01)**
[25] EN
[54] **BINDER COMPOSITIONS AND PROCESSES OF PREPARING IRON ORE PELLETS**
[54] **COMPOSITIONS DE LIANT ET PROCEDES DE PREPARATION DE PASTILLES DE MINERAI DE FER**
[72] LUO, YUPING, US
[72] MOORE, LUCAS, US
[72] MACY, PATRICK, US
[71] KEMIRA OYJ, FI
[85] 2017-04-24
[86] 2015-11-10 (PCT/US2015/059996)
[87] (WO2016/077374)
[30] US (62/077,510) 2014-11-10

[21] **2,965,702**
[13] A1
[51] **Int.Cl. A61K 8/27 (2006.01) A61K 8/02 (2006.01) A61K 8/04 (2006.01) A61K 8/19 (2006.01) A61K 8/25 (2006.01) A61K 8/365 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **ORAL CARE COMPOSITION CONTAINING ZINC SALTS AND CALCIUM CARBONATE**
[54] **COMPOSITION POUR SOINS BUCCAUX CONTENANT DES SELS DE ZINC ET DU CARBONATE DE CALCIUM**
[72] SUBRAMANYAM, RAVI, US
[72] JOGUN, SUZANNE, US
[72] HASSAN, MAHMOUD, US
[72] XU, SHAO PENG, CN
[72] LEWIS, NAVIN, IN
[72] HUANG, XIAO YI, CN
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2017-04-24
[86] 2015-11-13 (PCT/US2015/060563)
[87] (WO2016/077688)
[30] IN (3300/DEL/2014) 2014-11-14

[21] **2,965,704**
[13] A1
[51] **Int.Cl. A61B 5/0488 (2006.01) A61B 5/22 (2006.01)**
[25] EN
[54] **SOFT TISSUE MANAGEMENT METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME DE GESTION DE TISSUS MOUS**
[72] FUSS, FRANZ KONSTANTIN, AU
[72] BELBASIS, AARON, AU
[71] SWINBURNE UNIVERSITY OF TECHNOLOGY, AU
[85] 2017-04-25
[86] 2015-10-30 (PCT/AU2015/000652)
[87] (WO2016/065404)
[30] AU (2014904381) 2014-10-31

[21] **2,965,705**
[13] A1
[51] **Int.Cl. C06B 23/00 (2006.01) C06B 31/28 (2006.01)**
[25] EN
[54] **EXPLOSIVE COMPOSITION AND METHOD OF DELIVERY**
[54] **COMPOSITION EXPLOSIVE ET PROCEDE DE MISE EN PLACE**
[72] PARIS, NATHAN, AU
[72] GORE, JEFF, AU
[72] THORNLEY, PAUL, AU
[71] DYNO NOBEL ASIA PACIFIC PTY LIMITED, AU
[85] 2017-04-25
[86] 2015-10-27 (PCT/AU2015/050666)
[87] (WO2016/065412)
[30] AU (2014904283) 2014-10-27

[21] **2,965,707**
[13] A1
[51] **Int.Cl. C22C 9/00 (2006.01) C22C 9/04 (2006.01) C22C 9/05 (2006.01) C22C 9/06 (2006.01)**
[25] EN
[54] **METAL ALLOYS INCLUDING COPPER**
[54] **ALLIAGES METALLIQUES CONTENANT DU CUIVRE**
[72] BASSMAN, LORI, US
[72] CROSBY, CODY, US
[72] SRIDHAR, AARTHI, US
[72] LAWS, KEVIN, AU
[72] FERRY, MICHAEL, AU
[72] CONWAY, PATRICK, AU
[72] MCKENZIE, WARREN, AU
[71] ADVANCED ALLOY HOLDINGS PTY LTD, AU
[85] 2017-04-25
[86] 2015-10-27 (PCT/AU2015/050670)
[87] (WO2016/065416)
[30] AU (2014904315) 2014-10-28

---

[21] **2,965,710**
[13] A1
[51] **Int.Cl. A61B 5/024 (2006.01) A61B 5/02 (2006.01) A61B 5/021 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MONITORING AORTIC PULSE WAVE VELOCITY AND BLOOD PRESSURE**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE DE LA VITESSE D'ONDES DE POULS AORTIQUE ET DE LA PRESSION ARTERIELLE**
[72] GOODMAN, JESSE, CA
[72] LEWDEN, BENOIT, CA
[71] GOODMAN, JESSE, CA
[71] LEWDEN, BENOIT, CA
[85] 2017-04-25
[86] 2015-10-27 (PCT/CA2015/051093)
[87] (WO2016/065469)
[30] US (62/069,106) 2014-10-27

---

[21] **2,965,711**
[13] A1
[51] **Int.Cl. B65G 67/60 (2006.01) A01K 79/00 (2006.01) F04D 7/00 (2006.01)**
[25] EN
[54] **FISH PUMPING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE POMPAGE A POISSON**
[72] HALSE, JOEL, CA
[72] FALKJAR, DAVID, CA
[71] HALSE, JOEL, CA
[71] FALKJAR, DAVID, CA
[85] 2017-04-25
[86] 2015-10-28 (PCT/CA2015/051101)
[87] (WO2016/065474)
[30] CA (2,869,084) 2014-10-28
[30] US (14/121,860) 2014-10-28

---

[21] **2,965,712**
[13] A1
[51] **Int.Cl. A61M 5/32 (2006.01) A61M 5/34 (2006.01) A61M 5/50 (2006.01)**
[25] EN
[54] **RETRACTABLE NEEDLE SYRINGE**
[54] **SERINGUE A AIGUILLE RETRACTABLE**
[72] CASTANON, SCOTT E., US
[72] WOLOSCHUK, RALPH E., CA
[72] TERRY, WARREN MARC, US
[71] L.O.M. LABORATORIES INC., CA
[85] 2017-04-25
[86] 2015-10-30 (PCT/CA2015/051113)
[87] (WO2016/065484)
[30] US (62/073,748) 2014-10-31
[30] US (62/105,624) 2015-01-20

---

[21] **2,965,713**
[13] A1
[51] **Int.Cl. H05K 7/20 (2006.01) H01G 2/08 (2006.01) H01L 23/36 (2006.01) H01L 23/46 (2006.01)**
[25] EN
[54] **A MOUNTING APPARATUS, FOR MOUNTING AT LEAST ONE HEAT DISSIPATING ELECTRICAL DEVICE, OPTIONALLY INCLUDING A HEAT SINK BODY FOR SOLID, GAS AND FLUID HEAT EXCHANGE, AND CIRCUIT BOARDASSEMBLY PROVIDING INTERFACE BETWEEN CIRCUITS**
[54] **APPAREIL DE MONTAGE, POUR LE MONTAGE D'AU MOINS UN DISPOSITIF ELECTRIQUE DISSIPATEUR DE CHALEUR, COMPRENANT FACULTATIVEMENT UN CORPS PUITS DE CHALEUR POUR UN ECHANGE DE CHALEUR DESOLIDE, DE GAZ ET DE LIQUIDE, ET ENSEMBLE CARTE DE CIRCUIT FOURNISSANT UNE INTERFACE ENTRE DES CIRCUITS**
[72] RICHARDS, MICHAEL JOHN, CA
[71] ALGOZEN CORPORATION, CA
[85] 2017-04-25
[86] 2015-10-30 (PCT/CA2015/051114)
[87] (WO2016/065485)
[30] US (62/073,074) 2014-10-31

---

[21] **2,965,714**
[13] A1
[51] **Int.Cl. G01J 3/45 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CHARACTERIZATION OF TERAHERTZ RADIATION**
[54] **PROCEDE ET APPAREIL POUR LA CARACTERISATION DE RAYONNEMENT TERAHERTZ**
[72] OZAKI, TSUNEYUKI, CA
[72] SHARMA, GARGI, CA
[72] SINGH, KANWARPAL, CA
[71] INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE, CA
[85] 2017-04-25
[86] 2015-11-04 (PCT/CA2015/051133)
[87] (WO2016/070273)
[30] US (62/076,826) 2014-11-07

[21] **2,965,715**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **DATA PROCESSING METHOD, APPARATUS, AND SYSTEM**
[54] **PROCEDE, APPAREIL ET SYSTEME DE TRAITEMENT DE DONNEES**
[72] FANG, XIN, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2017-04-25
[86] 2014-12-27 (PCT/CN2014/095223)
[87] (WO2016/101283)

---

[21] **2,965,716**
[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 19/02 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **CRYSTALLINE FORM OF JAK KINASE INHIBITOR BISULFATE AND A PREPARATION METHOD THEREOF**
[54] **FORME CRISTALLINE DE BISULFATE INHIBITEUR DE KINASE JAK ET PROCEDE DE PREPARATION CORRESPONDANT**
[72] SUN, PIAOYANG, CN
[72] WU, GUAILI, CN
[72] ZHANG, QUANLIANG, CN
[72] CHEN, YONGJIANG, CN
[72] SHEN, LINGJIA, CN
[71] JIANGSU HENGRUI MEDICINE CO., LTD., CN
[85] 2017-04-25
[86] 2015-10-09 (PCT/CN2015/091527)
[87] (WO2016/070697)
[30] CN (201410617808.4) 2014-11-05

---

[21] **2,965,717**
[13] A1
[51] **Int.Cl. A61F 2/28 (2006.01)**
[25] EN
[54] **COMPOSITE BONE GRAFTS AND METHODS FOR PRODUCING THE SAME**
[54] **GREFFONS OSSEUX COMPOSITES ET LEUR METHODES DE PRODUCTION**
[72] SMITH, DAVID AYRES BOWDEN, US
[71] DCI DONOR SERVICES, INC., US
[85] 2017-04-24
[86] 2015-09-16 (PCT/US2015/050534)
[87] (WO2016/044495)
[30] US (62/050,912) 2014-09-16

---

[21] **2,965,718**
[13] A1
[51] **Int.Cl. A61B 10/06 (2006.01) A61B 10/02 (2006.01)**
[25] EN
[54] **ENDOSCOPIC DEVICE FOR MULTIPLE SAMPLE BIOPSY**
[54] **DISPOSITIF ENDOSCOPIQUE POUR BIOPSIE D'ECHANTILLONS MULTIPLES**
[72] GUNDBERG, TOMAS, DK
[72] KJELDSEN, OLE, DK
[72] HARBOE, HENRIK, DK
[71] BIOSCOPEX APS, DK
[85] 2017-04-25
[86] 2014-10-28 (PCT/EP2014/073089)
[87] (WO2015/063071)
[30] EP (13190858.4) 2013-10-30

---

[21] **2,965,720**
[13] A1
[51] **Int.Cl. H04B 1/66 (2006.01)**
[25] EN
[54] **METHOD OF MOTION VECTOR AND BLOCK VECTOR RESOLUTION CONTROL**
[54] **PROCEDE DE COMMANDE DE RESOLUTION DE VECTEUR DE MOUVEMENT ET DE VECTEUR DE BLOC**
[72] LIU, SHAN, US
[72] XU, XIAOZHONG, US
[71] HFI INNOVATION INC., CN
[85] 2017-04-25
[86] 2015-11-19 (PCT/CN2015/094983)
[87] (WO2016/078599)
[30] US (62/082,222) 2014-11-20
[30] US (62/126,969) 2015-03-02
[30] US (62/182,685) 2015-06-22

---

[21] **2,965,723**
[13] A1
[51] **Int.Cl. E04H 4/08 (2006.01)**
[25] EN
[54] **LIFT ASSEMBLY AND SPA INCLUDING THE SAME**
[54] **ENSEMBLE DE LEVAGE, ET CUVE THERMALE LE COMPRENANT**
[72] CUNERTY, JOHN, CA
[72] CORNEAU, GARY, CA
[72] SPICER, WADE, US
[71] STRONG INDUSTRIES, INC., US
[85] 2017-04-24
[86] 2015-11-17 (PCT/US2015/061052)
[87] (WO2016/074001)
[30] US (62/074,301) 2014-11-03
[30] US (62/107,741) 2015-01-26
[30] US (14/713,193) 2015-05-15

---

[21] **2,965,730**
[13] A1
[51] **Int.Cl. B25J 9/00 (2006.01) B08B 15/04 (2006.01) B23Q 11/00 (2006.01) B25J 11/00 (2006.01) G06F 17/50 (2006.01)**
[25] EN
[54] **MOBILE ROBOTIC DRILLING APPARATUS AND METHOD FOR DRILLING CEILINGS AND WALLS**
[54] **APPAREIL DE FORAGE ROBOTIQUE MOBILE ET PROCEDE DE FORAGE DE PLAFONDS ET DE MURS**
[72] HALVORSEN, HAVARD, NO
[72] HENNINGE, TOM ASLE, NO
[72] FAGERTUN, KONRAD, NO
[71] NLINK AS, NO
[85] 2017-04-25
[86] 2015-10-27 (PCT/EP2015/074815)
[87] (WO2016/066615)
[30] GB (1419182.9) 2014-10-28

[21] **2,965,732**
[13] A1
[51] **Int.Cl. A61K 38/26 (2006.01) C07K 14/575 (2006.01) C07K 14/605 (2006.01)**
[25] EN
[54] **GIP AGONIST COMPOUNDS AND METHODS**
[54] **COMPOSES AGONISTES DE GIP ET PROCEDES ASSOCIES**
[72] SHELTON, PERNILLE TOFTENG, DK
[72] NORREGAARD, PIA, DK
[72] DERYABINA, MARIA ALEXANDROVNA, DK
[72] LARSEN, BJARNE DUE, DK
[72] FOG, JACOB ULRIK, DK
[71] ZEALAND PHARMA A/S, DK
[85] 2017-04-25
[86] 2015-10-29 (PCT/EP2015/075120)
[87] (WO2016/066744)
[30] DK (PA 2014 00629) 2014-10-29
[30] DK (PA 2015 00381) 2015-07-04

---

[21] **2,965,734**
[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61K 31/5377 (2006.01) A61P 25/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMPOUNDS AND USES THEREOF**
[54] **COMPOSES ET LEURS UTILISATIONS**
[72] BOTTA, MAURIZIO, IT
[72] ANGELUCCI, ADRIANO, IT
[72] DREASSI, ELENA, IT
[72] SCHENONE, SILVIA, IT
[72] TINTORI, CRISTINA, IT
[72] VIGNAROLI, GIULIA, IT
[71] LEAD DISCOVERY SIENA S.R.L., IT
[85] 2017-04-25
[86] 2015-10-29 (PCT/EP2015/075148)
[87] (WO2016/066755)
[30] IT (RM2014A000620) 2014-10-30

---

[21] **2,965,735**
[13] A1
[51] **Int.Cl. H04L 29/06 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IMPLEMENTING A PRIVACY FIREWALL**
[54] **SYSTEMES ET PROCEDES D'IMPLEMENTATION DE PARE-FEU DE CONFIDENTIALITE**
[72] KILGALLON, WILLIAM, US
[71] LEXISNEXIS, A DIVISION OF REED ELSEVIER INC., US
[85] 2017-04-24
[86] 2015-11-24 (PCT/US2015/062260)
[87] (WO2016/085897)
[30] US (62/084,656) 2014-11-26

---

[21] **2,965,737**
[13] A1
[51] **Int.Cl. C12P 17/02 (2006.01) C07C 11/18 (2006.01) C07D 309/30 (2006.01)**
[25] EN
[54] **PROCESSES FOR CONVERSION OF BIOLOGICALLY DERIVED MEVALONIC ACID**
[54] **PROCEDES DE CONVERSION D'UN ACIDE MEVALONIQUE BIOLOGIQUEMENT DERIVE**
[72] DUGAR, DEEPAK, US
[72] NELTNER, BRIAN, US
[71] VISOLIS, INC., US
[85] 2017-04-24
[86] 2015-11-24 (PCT/US2015/062433)
[87] (WO2016/085987)
[30] US (62/084,689) 2014-11-26

---

[21] **2,965,739**
[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01) G06F 17/40 (2006.01)**
[25] EN
[54] **LEARNING CONTOUR IDENTIFICATION SYSTEM USING PORTABLE CONTOUR METRICS DERIVED FROM CONTOUR MAPPINGS**
[54] **SYSTEME D'IDENTIFICATION DE CONTOUR D'APPRENTISSAGE AU MOYEN DE MESURES DE CONTOUR PORTABLE DERIVEES DE MAPPAGES DE CONTOURS**
[72] PADUBRIN, HARRY FRIEDBERT, US
[71] PADUBRIN, HARRY FRIEDBERT, US
[85] 2017-04-24
[86] 2015-11-24 (PCT/US2015/062488)
[87] (WO2016/086024)
[30] US (62/081,513) 2014-11-18

---

[21] **2,965,741**
[13] A1
[51] **Int.Cl. A61K 31/4985 (2006.01) A61K 31/416 (2006.01) A61K 31/438 (2006.01) A61K 31/439 (2006.01) A61K 31/445 (2006.01) A61K 31/4523 (2006.01) A61K 31/454 (2006.01) A61K 31/496 (2006.01) A61K 31/499 (2006.01) A61K 31/4995 (2006.01) A61P 9/00 (2006.01) A61P 25/00 (2006.01) A61P 27/12 (2006.01) A61P 31/00 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01) A61P 43/00 (2006.01) C07D 231/56 (2006.01) C07D 401/14 (2006.01) C07D 403/12 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOUND**
[54] **COMPOSE PHARMACEUTIQUE**
[72] COWLEY, PHILLIP, GB
[72] WISE, ALAN, GB
[72] DAVIS, SUSAN, GB
[72] KICZUN, MICHAEL, GB
[71] IOMET PHARMA LTD, GB
[85] 2017-04-25
[86] 2015-11-02 (PCT/EP2015/075486)
[87] (WO2016/071293)
[30] GB (1419570.5) 2014-11-03
[30] GB (1507883.5) 2015-05-08

[21] **2,965,756**
[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/0432 (2006.01) A61B 5/0444 (2006.01) A61B 5/0488 (2006.01) A61B 5/11 (2006.01)**
[25] EN
[54] **A METHOD AND DEVICE FOR CONTRACTION MONITORING**
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE SURVEILLER DES CONTRACTIONS**
[72] PENDERS, JULIEN, BE
[72] ALTINI, MARCO, NL
[72] DY, ERIC, US
[72] BERSET, TORFINN, NL
[72] ROOIJAKKERS, MICHIEL, NL
[71] BLOOM TECHNOLOGIES NV, BE
[85] 2017-04-25
[86] 2015-10-29 (PCT/IB2015/002194)
[87] (WO2016/067101)
[30] US (62/072,348) 2014-10-29
[30] BE (2015/5056) 2015-02-05

---

[21] **2,965,757**
[13] A1
[51] **Int.Cl. D21C 9/00 (2006.01) C08B 1/00 (2006.01) C08B 15/00 (2006.01) C12P 1/00 (2006.01) C12P 19/00 (2006.01) D21H 11/18 (2006.01) D21H 11/20 (2006.01) D21H 15/02 (2006.01)**
[25] EN
[54] **A METHOD FOR MANUFACTURING MICROFIBRILLATED POLYSACCHARIDE**
[54] **PROCEDE DE FABRICATION DE POLYSACCHARIDE MICROFIBRILLE**
[72] AXRUP, LARS, SE
[72] KASTINEN, HENRI, FI
[71] STORA ENSO OYJ, FI
[85] 2017-04-25
[86] 2015-10-26 (PCT/IB2015/058238)
[87] (WO2016/067180)
[30] SE (1451287-5) 2014-10-28

---

[21] **2,965,758**
[13] A1
[51] **Int.Cl. B64D 11/00 (2006.01) A47B 47/00 (2006.01)**
[25] EN
[54] **AIRCRAFT CABINET WITH DETACHABLE OUTER PANELS AND ATTACHMENT MECHANISM THEREFOR**
[54] **ARMOIRE D'AERONEF DOTEE DE PANNEAUX EXTERNES DETACHABLES ET MECANISME DE FIXATION ASSOCIE**
[72] ROCAMORA, YVAN, CA
[72] PERROTTA, PASQUO, CA
[72] CHARLEBOIS, FREDERIC, CA
[72] HOULE, MATHIEU, CA
[72] BHARAJ, SURINDER, CA
[72] BEAUPARLANT, JONATHAN, CA
[71] BOMBARDIER INC., CA
[85] 2017-04-25
[86] 2015-10-29 (PCT/IB2015/058368)
[87] (WO2016/067249)
[30] US (62/073,175) 2014-10-31

---

[21] **2,965,768**
[13] A1
[51] **Int.Cl. H02H 1/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETECTION OF ELECTRICAL FAULTS IN AN ELECTRICAL NETWORK**
[54] **SYSTEME ET PROCEDE DE DETECTION DE DEFAILLANCES ELECTRIQUES DANS UN RESEAU ELECTRIQUE**
[72] SELA, ISAAC, IL
[71] ISRA-JUK ELECTRONICS LTD., IL
[85] 2017-04-25
[86] 2015-10-28 (PCT/IL2015/051054)
[87] (WO2016/067289)
[30] GB (1419377.5) 2014-10-31

---

[21] **2,965,770**
[13] A1
[51] **Int.Cl. A61K 38/00 (2006.01) A61K 31/4409 (2006.01) A61K 35/30 (2015.01) A61K 45/00 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **NOVEL TREATMENT OF CORNEA USING LAMININ**
[54] **NOUVEAU TRAITEMENT DE LA CORNEE EMPLOYANT DE LA LAMININE**
[72] KOIZUMI, NORIKO, JP
[72] OKUMURA, NAOKI, JP
[72] KINOSHITA, SHIGERU, JP
[71] KYOTO PREFECTURAL PUBLIC UNIVERSITY CORPORATION, JP
[71] THE DOSHISHA, JP
[71] SENJU PHARMACEUTICAL CO., LTD., JP
[85] 2017-04-25
[86] 2015-10-30 (PCT/JP2015/005473)
[87] (WO2016/067628)
[30] JP (2014-222947) 2014-10-31

---

[21] **2,965,772**
[13] A1
[51] **Int.Cl. F17C 5/06 (2006.01)**
[25] EN
[54] **HYDROGEN STATION**
[54] **STATION D'HYDROGENE**
[72] OKUNO, TAKASHI, JP
[72] TAKAGI, HITOSHI, JP
[72] NAGURA, KENJI, JP
[72] WADA, DAISUKE, JP
[72] UBA, TAKURO, JP
[72] FUJISAWA, AKITOSHI, JP
[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
[85] 2017-04-25
[86] 2015-09-16 (PCT/JP2015/076324)
[87] (WO2016/067780)
[30] JP (2014-222414) 2014-10-31
[30] JP (2015-080057) 2015-04-09

---

[21] **2,965,773**
[13] A1
[51] **Int.Cl. B25J 9/06 (2006.01)**
[25] EN
[54] **ROBOT ARM MECHANISM**
[54] **MECANISME DE BRAS DE ROBOT**
[72] YOON, WOO-KEUN, JP
[71] LIFE ROBOTICS INC., JP
[85] 2017-04-25
[86] 2015-10-27 (PCT/JP2015/080180)
[87] (WO2016/068106)
[30] JP (2014-222090) 2014-10-30

[21] **2,965,776**
[13] A1
[51] **Int.Cl. D01F 6/00 (2006.01) B01J 20/26 (2006.01) B01J 20/28 (2006.01)**
[25] EN
[54] **POROUS FIBERS, ADSORBENT MATERIAL, AND PURIFICATION COLUMN**
[54] **FIBRES POREUSES, MATERIAU ABSORBANT, ET COLONNE DE PURIFICATION**
[72] FUJIEDA, HIROAKI, JP
[72] UENO, YOSHIYUKI, JP
[72] TANAKA, KAZUMI, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2017-04-25
[86] 2015-10-20 (PCT/JP2015/079542)
[87] (WO2016/067967)
[30] JP (2014-219036) 2014-10-28

---

[21] **2,965,779**
[13] A1
[51] **Int.Cl. F16G 3/07 (2006.01) B65G 15/30 (2006.01) B65G 15/42 (2006.01) F16G 3/00 (2006.01) F16H 19/02 (2006.01) F16H 19/06 (2006.01) F16G 3/08 (2006.01)**
[25] EN
[54] **FLAT BELT, BELT MECHANISM, BELT LIFTING MECHANISM, ATTACHMENT METHOD, AND METHOD FOR MANUFACTURING FLAT BELT**
[54] **COURROIE PLATE, MECANISME A COURROIE, MECANISME ELEVATEUR A COURROIE, PROCEDE DE FIXATION, ET PROCEDE POUR LA FABRICATION DE COURROIE PLATE**
[72] TAMURA, EIKI, JP
[71] MITSUBOSHI BELTING LTD., JP
[85] 2017-04-25
[86] 2015-10-30 (PCT/JP2015/080762)
[87] (WO2016/068296)
[30] JP (2014-222612) 2014-10-31
[30] JP (2015-210764) 2015-10-27

---

[21] **2,965,781**
[13] A1
[51] **Int.Cl. C07D 235/26 (2006.01) A61K 31/4184 (2006.01) A61K 31/437 (2006.01) A61P 43/00 (2006.01) C07D 471/04 (2006.01) C07D 519/00 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **HETEROCYCLIC DERIVATIVE HAVING AMPK ACTIVATING EFFECT**
[54] **DERIVE HETEROCYCLIQUE PRESENTANT UN EFFET D'ACTIVATION DE L'AMPK**
[72] KOJIMA, EIICHI, JP
[72] HINATA, YU, JP
[72] WADA, TOSHIHIRO, JP
[71] SHIONOGI & CO., LTD., JP
[85] 2017-04-25
[86] 2015-10-27 (PCT/JP2015/080162)
[87] (WO2016/068099)
[30] JP (2014-218860) 2014-10-28
[30] JP (2015-085522) 2015-04-20

---

[21] **2,965,783**
[13] A1
[51] **Int.Cl. E21B 47/12 (2012.01) E21B 47/18 (2012.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR GENERATING PULSES IN A FLUID COLUMN**
[54] **PROCEDE ET APPAREIL DE GENERATION D'IMPULSIONS DANS UNE COLONNE DE FLUIDE**
[72] BIN MUHAMMAD MOIZUDDIN, MUHAMMAD SUBHAN, SG
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-04-25
[86] 2014-12-31 (PCT/US2014/072939)
[87] (WO2016/108871)

---

[21] **2,965,784**
[13] A1
[51] **Int.Cl. B66C 13/06 (2006.01)**
[25] EN
[54] **SUSPENDED LOAD CARRYING SYSTEM**
[54] **SYSTEME DE TRANSPORT DE CHARGE SUSPENDU**
[72] JENNINGS, CLIFFORD ALLEN, US
[71] OCEANEEERING INTERNATIONAL, INC., US
[85] 2017-04-25
[86] 2015-04-02 (PCT/US2015/024111)
[87] (WO2016/069054)
[30] US (62/069,428) 2014-10-28

---

[21] **2,965,785**
[13] A1
[51] **Int.Cl. A61K 9/107 (2006.01) A61K 31/745 (2006.01) A61K 47/44 (2017.01) A61P 11/02 (2006.01)**
[25] EN
[54] **MUCOADHESIVE EMOLLIENT**
[54] **EMOLLIENT MUCO-ADHESIF**
[72] SVENSSON, BIRGITTA, SE
[72] ENGBLOM, JOHAN, SE
[71] BIOGLAN AB, SE
[85] 2017-04-25
[86] 2015-11-12 (PCT/SE2015/051207)
[87] (WO2016/076786)
[30] SE (1451365-9) 2014-11-14

---

[21] **2,965,787**
[13] A1
[51] **Int.Cl. E21B 47/12 (2012.01) E21B 47/18 (2012.01)**
[25] EN
[54] **DEVICES AND METHODS FOR DIGITAL SIGNAL PROCESSING IN MUD PULSE TELEMETRY**
[54] **DISPOSITIFS ET PROCEDES DE TRAITEMENT DE SIGNAUX NUMERIQUES DANS LA TELEMETRIE PAR IMPULSIONS DANS LA BOUE**
[72] ZHANG, YUMIN, US
[72] BARAK, EHUD, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-04-25
[86] 2014-12-10 (PCT/US2014/069545)
[87] (WO2016/093820)

---

[21] **2,965,789**
[13] A1
[51] **Int.Cl. A47C 1/12 (2006.01)**
[25] EN
[54] **SUSPENDED THEATER RIDE SYSTEM**
[54] **SYSTEME DE PISTE DE THEATRE SUSPENDU**
[72] JENNINGS, CLIFFORD ALLEN, US
[71] OCEANEERING INTERNATIONAL, INC., US
[85] 2017-04-25
[86] 2015-04-02 (PCT/US2015/024120)
[87] (WO2016/069055)
[30] US (62/069,428) 2014-10-28

[21] **2,965,790**
[13] A1
[51] **Int.Cl. E04B 1/16 (2006.01)**
[25] EN
[54] **EXERCISE APPARATUS SIMULATING MILD TO HIGH ALTITUDE ENVIRONMENTS**
[54] **APPAREIL D'EXERCICE SIMULANT DES ENVIRONNEMENTS A BASSE ET HAUTE ALTITUDE**
[72] WILLIAMS, ROBERT PAUL, US
[72] JOHNSON, BRUCE D., US
[71] STRATOSPHERE, INC., US
[85] 2017-04-25
[86] 2015-08-10 (PCT/US2015/044444)
[87] (WO2016/025376)
[30] US (62/035,630) 2014-08-11

---

[21] **2,965,792**
[13] A1
[51] **Int.Cl. G09B 19/00 (2006.01) G06F 3/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD TO ASSIST A USER IN ACHIEVING A GOAL**
[54] **SYSTEME ET PROCEDE PERMETTANT D'AIDER UN UTILISATEUR A ATTEINDRE UN OBJECTIF**
[72] PETROV, ALEXANDER, US
[71] PETROV, ALEXANDER, US
[85] 2017-04-25
[86] 2015-09-22 (PCT/US2015/051559)
[87] (WO2016/049090)
[30] US (62/053,668) 2014-09-22

---

[21] **2,965,794**
[13] A1
[51] **Int.Cl. G01V 3/14 (2006.01) E21B 49/00 (2006.01) G01R 33/44 (2006.01)**
[25] EN
[54] **COMBINED NMR-RESISTIVITY MEASUREMENT APPARATUS, SYSTEMS, AND METHODS**
[54] **APPAREIL, SYSTEMES ET PROCEDES DE MESURE DE RESISTIVITE RMN COMBINEE**
[72] REIDERMAN, ARCADY, US
[72] CHEN, SONGHUA, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-04-25
[86] 2014-12-30 (PCT/US2014/072777)
[87] (WO2016/108851)

---

[21] **2,965,802**
[13] A1
[51] **Int.Cl. H01M 4/96 (2006.01) B32B 5/02 (2006.01) H01M 4/86 (2006.01) H01M 8/10 (2016.01)**
[25] EN
[54] **POROUS ELECTRODE SUBSTRATE, MEMBRANE-ELECTRODE ASSEMBLY USING SAME, AND POLYMER ELECTROLYTE FUEL CELL USING SAME**
[54] **SUBSTRAT D'ELECTRODE POREUX, ENSEMBLE MEMBRANE/ELECTRODE L'UTILISANT, ET PILE A COMBUSTIBLE A POLYMERE SOLIDE L'UTILISANT**
[72] TATSUNO, HIROTO, JP
[72] NAKAMURA, MAKOTO, JP
[71] MITSUBISHI CHEMICAL CORPORATION, JP
[85] 2017-04-25
[86] 2015-11-04 (PCT/JP2015/081019)
[87] (WO2016/072414)
[30] JP (2014-223950) 2014-11-04
[30] JP (2015-196501) 2015-10-02

---

[21] **2,965,804**
[13] A1
[51] **Int.Cl. C07D 239/22 (2006.01) A61K 31/505 (2006.01) A61K 31/506 (2006.01) A61K 31/695 (2006.01) A61P 1/04 (2006.01) A61P 3/00 (2006.01) A61P 3/10 (2006.01) A61P 17/00 (2006.01) A61P 17/06 (2006.01) A61P 25/00 (2006.01) A61P 27/02 (2006.01) A61P 29/00 (2006.01) A61P 37/02 (2006.01) A61P 37/08 (2006.01) A61P 43/00 (2006.01) C07D 403/04 (2006.01) C07D 405/04 (2006.01) C07F 7/12 (2006.01)**
[25] EN
[54] **DIHYDROPYRIMIDINE-2-ONE COMPOUNDS AND MEDICINAL USES THEREOF**
[54] **COMPOSES DE DIHYDROPYRIMIDINE-2-ONE ET LEURS UTILISATIONS MEDICALES**
[72] YOKOTA, MASAHIRO, JP
[72] IKENOGAMI, TAKU, JP
[72] WATANABE, EIICHI, JP
[72] SEKI, NORIYOSHI, JP
[72] SAKAI, TAKAYUKI, JP
[72] FUJIOKA, SHINGO, JP
[72] SHIOZAKI, MAKOTO, JP
[72] SUWA, KATSUNORI, JP
[72] OGOSHI, YOSUKE, JP
[72] NOGUCHI, MASATO, JP
[72] MAEDA, KATSUYA, JP
[71] JAPAN TOBACCO INC., JP
[85] 2017-04-25
[86] 2015-12-11 (PCT/JP2015/084791)
[87] (WO2016/093342)
[30] JP (2014-251771) 2014-12-12

---

[21] **2,965,809**
[13] A1
[51] **Int.Cl. G06F 17/00 (2006.01)**
[25] EN
[54] **IDENTIFYING AN INDIVIDUAL'S ABILITIES, SKILLS AND INTERESTS THROUGH GAMING DATA ANALYTICS**
[54] **IDENTIFICATION DES CAPACITES, DES COMPETENCES ET DES INTERETS D'UN INDIVIDU PAR L'INTERMEDIAIRE D'UNE ANALYSE DE DONNEES DE JEU**
[72] DO, CUONG, US
[72] SCHOLAR, WAYNE, US
[71] IDENTIFOR, INC., US
[85] 2017-04-25
[86] 2015-10-27 (PCT/US2015/057595)
[87] (WO2016/069611)
[30] US (62/068,966) 2014-10-27

[21] **2,965,811**
[13] A1
[51] **Int.Cl. B01L 3/02 (2006.01) G01N 21/05 (2006.01) G01N 33/483 (2006.01) G01N 33/543 (2006.01) G06T 1/00 (2006.01)**
[25] EN
[54] **HIGH-THROUGHPUT IMAGING PLATFORM**
[54] **PLATE-FORME D'IMAGERIE A HAUT DEBIT**
[72] BEN-YAKAR, ADELA, US
[72] HEGARTY, EVAN, US
[72] MONDAL, SUDIP, US
[72] GHORASHIAN, NAVID, US
[72] GOKCE, SERTAN KUTAL, US
[72] MARTIN, CHRISTOPHER, US
[71] THE BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2017-04-25
[86] 2015-10-27 (PCT/US2015/057624)
[87] (WO2016/069624)
[30] US (62/068,822) 2014-10-27

[21] **2,965,812**
[13] A1
[51] **Int.Cl. A61L 27/22 (2006.01) A61L 27/18 (2006.01) A61L 27/34 (2006.01) A61L 27/50 (2006.01) A61L 27/54 (2006.01) A61L 29/04 (2006.01) A61L 29/06 (2006.01) A61L 29/08 (2006.01) A61L 29/14 (2006.01) A61L 29/16 (2006.01) A61L 31/04 (2006.01) A61L 31/06 (2006.01) A61L 31/10 (2006.01) A61L 31/14 (2006.01) A61L 31/16 (2006.01) C08L 71/02 (2006.01) G01N 33/569 (2006.01)**
[25] EN
[54] **QUENCHED COATING**
[54] **REVETEMENT DESACTIVE**
[72] GAZENDAM, JURJEN, NL
[71] ORIGINAL G B.V., NL
[85] 2017-04-25
[86] 2015-11-05 (PCT/NL2015/050771)
[87] (WO2016/076707)
[30] NL (2013786) 2014-11-13

[21] **2,965,817**
[13] A1
[51] **Int.Cl. A61M 5/145 (2006.01) A61M 5/142 (2006.01) B05C 17/005 (2006.01)**
[25] EN
[54] **SELF-ORIENTING PRESSURE JACKET AND PRESSURE JACKET-TO-INJECTOR INTERFACE**
[54] **GAINE DE PRESSION A AUTO-ORIENTATION ET INTERFACE GAINE DE PRESSION A INJECTEUR**
[72] TUCKER, BARRY L., US
[72] COWAN, KEVIN P., US
[72] UBER, ARTHUR E., III, US
[72] RHINEHART, EDWARD J., US
[72] SPOHN, MICHAEL A., US
[71] BAYER HEALTHCARE LLC, US
[85] 2017-04-25
[86] 2015-10-28 (PCT/US2015/057747)
[87] (WO2016/069711)
[30] US (62/069,779) 2014-10-28

[21] **2,965,819**
[13] A1
[51] **Int.Cl. A61M 5/145 (2006.01) A61M 5/142 (2006.01)**
[25] EN
[54] **SELF-ORIENTING PRESSURE JACKET AND PRESSURE JACKET-TO-INJECTOR INTERFACE**
[54] **GAINE DE PRESSION A AUTO-ORIENTATION ET INTERFACE GAINE DE PRESSION A INJECTEUR**
[72] COWAN, KEVIN P., US
[72] TUCKER, BARRY L., US
[72] UBER, ARTHUR E., III, US
[72] RHINEHART, EDWARD J., US
[72] SPOHN, MICHAEL A., US
[72] NEILL, JAMES R., US
[72] WILLIAMS, GLEN P., US
[71] BAYER HEALTHCARE LLC, US
[85] 2017-04-25
[86] 2015-10-28 (PCT/US2015/057751)
[87] (WO2016/069714)
[30] US (62/069,758) 2014-10-28

[21] **2,965,824**
[13] A1
[51] **Int.Cl. G02B 21/26 (2006.01) B81B 1/00 (2006.01)**
[25] EN
[54] **ROTATING SAMPLE POSITIONING APPARATUS**
[54] **APPAREIL DE POSITIONNEMENT D'ECHANTILLON ROTATIF**
[72] COONEY, CHRISTOPHER G., US
[72] PEROV, ALEXANDER, US
[72] BUENO, ARIAL, US
[72] DAITCH, CHARLES, US
[71] AKONNI BIOSYSTEMS, INC., US
[85] 2017-04-25
[86] 2015-10-26 (PCT/US2015/057378)
[87] (WO2016/069478)
[30] US (62/069,112) 2014-10-27

[21] **2,965,827**
[13] A1
[51] **Int.Cl. G01N 33/53 (2006.01) A61B 5/00 (2006.01) G01N 30/72 (2006.01)**
[25] EN
[54] **METHODS FOR DETECTING SINUSOIDAL OBSTRUCTIVE SYNDROME (SOS)**
[54] **PROCEDES POUR DETECTER LE SYNDROME D'OBSTRUCTION SINUSOIDALE (SOS)**
[72] PACZESNY, SOPHIE, US
[71] INDIANA UNIVERSITY RESEARCH & TECHNOLOGY CORPORATION, US
[85] 2017-04-25
[86] 2015-10-26 (PCT/US2015/057393)
[87] (WO2016/069483)
[30] US (62/069,394) 2014-10-28

[21] **2,965,831**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **RELATION AWARE AGGREGATION (RAA) ON NORMALIZED DATASETS**
[54] **AGREGATION EN FONCTION DES RELATIONS (RAA) SUR DES ENSEMBLES DE DONNEES NORMALISES**
[72] TABB, LLOYD, US
[72] TOY, MICHAEL, US
[72] HOOVER, SCOTT, US
[71] LOOKER DATA SCIENCES, INC., US
[85] 2017-04-25
[86] 2015-11-23 (PCT/US2015/062185)
[87] (WO2016/085875)
[30] US (14/555,013) 2014-11-26

[21] **2,965,839**
[13] A1
[51] **Int.Cl. A61K 31/341 (2006.01) A61K 45/06 (2006.01) C07D 417/06 (2006.01)**
[25] EN
[54] **SYNERGISTIC COMPOSITIONS FOR TREATING MICROBIAL INFECTIONS**
[54] **COMPOSITIONS SYNERGIQUES POUR LE TRAITEMENT D'INFECTIONS MICROBIENNES**
[72] DUNMAN, PAUL M., US
[72] CHILDERS, WAYNE, US
[71] UNIVERSITY OF ROCHESTER, US
[71] TEMPLE UNIVERSITY-OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
[85] 2017-04-25
[86] 2015-10-30 (PCT/US2015/058278)
[87] (WO2016/070021)
[30] US (62/073,100) 2014-10-31

[21] **2,965,841**
[13] A1
[51] **Int.Cl. C08K 13/02 (2006.01) C08K 7/28 (2006.01) C08L 23/06 (2006.01) C08L 23/08 (2006.01) C08L 23/12 (2006.01) C08L 25/06 (2006.01) C08L 27/06 (2006.01) C08L 55/02 (2006.01) C08L 77/00 (2006.01)**
[25] EN
[54] **THERMOPLASTIC COMPOSITE, METHOD FOR PREPARING THERMOPLASTIC COMPOSITE, AND INJECTION-MOLDED PRODUCT**
[54] **COMPOSITE THERMOPLASTIQUE, PROCEDE DE PREPARATION DE COMPOSITE THERMOPLASTIQUE, ET PRODUIT MOULE PAR INJECTION**
[72] HOU, JINGQIANG, CN
[72] YALCIN, BARIS, US
[72] REN, PU, CN
[72] ZHOU, YINJIE, CN
[72] JIANG, XUCHU, CN
[72] YU, XUETAO, CN
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2017-04-26
[86] 2014-10-31 (PCT/CN2014/090028)
[87] (WO2016/065614)

[21] **2,965,842**
[13] A1
[51] **Int.Cl. G01S 15/89 (2006.01) A61B 8/08 (2006.01)**
[25] EN
[54] **SYSTEM AND DEVICES FOR IMAGE TARGETING**
[54] **SYSTEME ET DISPOSITIFS DE CIBLAGE D'IMAGE**
[72] STOLKA, PHILIPP JAKOB, US
[72] FOROUGHI, PEZHMAN, US
[72] RENDINA, MATTHEW C., US
[72] HAGER, GREGORY DONALD, US
[71] CLEAR GUIDE MEDICAL, INC., US
[85] 2017-04-25
[86] 2015-10-27 (PCT/US2015/057519)
[87] (WO2016/069562)
[30] US (14/524,468) 2014-10-27

[21] **2,965,843**
[13] A1
[51] **Int.Cl. A01G 9/02 (2006.01) A01G 9/00 (2006.01)**
[25] EN
[54] **DISPOSABLE VASE**
[54] **VASE JETABLE**
[72] BENTZUR, YORAM, IL
[71] BENTZUR, YORAM, IL
[85] 2017-04-25
[86] 2015-07-29 (PCT/IL2015/050781)
[87] (WO2016/067277)
[30] IL (235340) 2014-10-26

[21] **2,965,844**
[13] A1
[51] **Int.Cl. B62B 7/06 (2006.01)**
[25] EN
[54] **STROLLER CAPABLE OF BEING FOLDED TWICE**
[54] **POUSSETTE POUR ENFANT PLIABLE DEUX FOIS**
[72] MA, FUSHENG, CN
[71] GOODBABY CHILD PRODUCTS CO., LTD, CN
[85] 2017-04-26
[86] 2014-12-29 (PCT/CN2014/095422)
[87] (WO2016/070485)
[30] CN (201410624297.9) 2014-11-07

[21] **2,965,846**
[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **CUSTOMER EXPERIENCE PERSONALISATION MANAGEMENT PLATFORM**
[54] **PLATE-FORME DE GESTION DE LA PERSONNALISATION DU VECU DES CLIENTS**
[72] WALLACE, CATRIONA, AU
[72] TRAJKOVSKI, JULIE, AU
[72] GAMMO, ANGELA, AU
[71] FLAMINGO VENTURES PTY LTD, AU
[85] 2017-04-26
[86] 2015-10-27 (PCT/AU2015/050671)
[87] (WO2016/065417)
[30] US (62/069,224) 2014-10-27

[21] **2,965,847**
[13] A1
[51] **Int.Cl. B04C 7/00 (2006.01) B01D 45/12 (2006.01) B04C 5/103 (2006.01) B04C 5/185 (2006.01) B04C 11/00 (2006.01)**
[25] EN
[54] **DUST SEPARATION DEVICE AND INTELLIGENT CONTROL SYSTEM COMPRISING SAME**
[54] **DISPOSITIF DE SEPARATION DE POUSSIERES ET SYSTEME DE COMMANDE INTELLIGENT COMPRENANT LEDIT DISPOSITIF**
[72] HUA, YI, CN
[72] XU, QINGHAI, CN
[72] LI, XINNING, CN
[72] QIN, XIAOGANG, CN
[72] PAN, HUIZI, CN
[72] SUN, HUAZHONG, CN
[71] HARVEY INDUSTRIES CO., LTD., CN
[85] 2017-04-26
[86] 2016-08-23 (PCT/CN2016/096439)
[87] (WO2017/036326)
[30] CN (PCT/CN2015/088949) 2015-09-06
[30] CN (201520705041.0) 2015-09-11

[21] **2,965,849**
[13] A1
[51] **Int.Cl. C12N 15/00 (2006.01) C12N 15/01 (2006.01) C12N 15/11 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **SEQUENCING CONTROLS**
[54] **TEMOINS DE SEQUENCAGE**
[72] MERCER, TIMOTHY, AU
[71] GARVAN INSTITUTE OF MEDICAL RESEARCH, AU
[85] 2017-04-26
[86] 2015-12-15 (PCT/AU2015/050797)
[87] (WO2016/094947)
[30] AU (2014905092) 2014-12-16
[30] AU (2015903892) 2015-09-24

[21] **2,965,850**
[13] A1
[51] **Int.Cl. A61B 8/00 (2006.01) A61B 34/00 (2016.01) A61B 34/20 (2016.01) A61B 5/06 (2006.01) A61B 8/08 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR TARGETING FEEDBACK**
[54] **SYSTEME ET PROCEDE DE CIBLAGE DE RETROACTION**
[72] STOLKA, PHILIPP JAKOB, US
[72] FOROUGHI, PEZHMAN, US
[72] RENDINA, MATTHEW C., US
[72] HAGER, GREGORY DONALD, US
[72] OKAMURA, ALLISON MARIKO, US
[71] CLEAR GUIDE MEDICAL, INC., US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2017-04-25
[86] 2015-10-27 (PCT/US2015/057560)
[87] (WO2016/069584)
[30] US (14/524,570) 2014-10-27

[21] **2,965,851**
[13] A1
[51] **Int.Cl. A61K 49/04 (2006.01) A61K 49/08 (2006.01) A61K 49/12 (2006.01)**
[25] EN
[54] **LIPID ENCAPSULATED GAS MICROSPHERE COMPOSITIONS AND RELATED METHODS**
[54] **COMPOSITIONS DE MICROSPHERES GAZEUSES ENCAPSULEES DANS DES LIPIDES ET PROCEDES ASSOCIES**
[72] ROBINSON, SIMON P., US
[72] NGUYEN, NHUNG TUYET, US
[72] SIEGLER, ROBERT W., US
[71] LANTHEUS MEDICAL IMAGING, INC., US
[85] 2017-04-25
[86] 2014-10-30 (PCT/US2014/063267)
[87] (WO2016/068961)

[21] **2,965,852**
[13] A1
[51] **Int.Cl. G06F 15/16 (2006.01)**
[25] EN
[54] **CONTENT DELIVERY SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE DISTRIBUTION DE CONTENU**
[72] MASLAK, JOEL C., US
[72] LAWRENCE, JOSEPH C., US
[71] LEVEL 3 COMMUNICATIONS, LLC, US
[85] 2017-04-25
[86] 2015-10-27 (PCT/US2015/057568)
[87] (WO2016/069592)
[30] US (62/069,061) 2014-10-27

[21] **2,965,854**
[13] A1
[51] **Int.Cl. E21B 34/14 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **WELLBORE TOOL WITH PRESSURE ACTUATED INDEXING MECHANISM AND METHOD**
[54] **OUTIL DE PUITS DE FORAGE A MECANISME D'ALIGNEMENT ACTIONNE PAR PRESSION ET PROCEDE CORRESPONDANT**
[72] ARABSKY, SERHIY, CA
[72] ARABSKY, VITALIY, CA
[71] INTERRA ENERGY SERVICES LTD., CA
[85] 2017-04-26
[86] 2015-11-10 (PCT/CA2015/051162)
[87] (WO2016/074078)
[30] US (62/078,090) 2014-11-11

[21] **2,965,856**
[13] A1
[51] **Int.Cl. B41J 2/175 (2006.01) B41J 2/135 (2006.01) B41J 29/393 (2006.01)**
[25] EN
[54] **ENCRYPTION OF FLUID CARTRIDGES FOR USE WITH IMAGING DEVICES**
[54] **CHIFFREMENT DE CARTOUCHES DE FLUIDE DEVANT ETRE UTILISEES AVEC DES DISPOSITIFS D'IMAGERIE**
[72] NESS, ERIK D., US
[72] RICE, HUSTON W., US
[72] HALL, BRENDAN, IE
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
[85] 2017-04-25
[86] 2014-10-31 (PCT/US2014/063381)
[87] (WO2016/068990)

[21] **2,965,860**
[13] A1
[51] **Int.Cl. H04W 8/24 (2009.01)**
[25] EN
[54] **INTER-POINT DATA EXCHANGE IN UL COMP**
[54] **ECHANGE DE DONNEES ENTRE POINTS DANS UN COMP MONTANT**
[72] WANG, JIANFENG, CN
[72] HUSS, FREDRIK, SE
[72] ZHU, HUAISONG, CN
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2017-04-26
[86] 2014-10-30 (PCT/CN2014/089857)
[87] (WO2016/065564)

---

[21] **2,965,864**
[13] A1
[51] **Int.Cl. C12G 3/12 (2006.01) B01D 1/28 (2006.01) B01D 3/00 (2006.01) B01D 3/02 (2006.01)**
[25] EN
[54] **DISTILLATION SYSTEM**
[54] **INSTALLATION DE DISTILLATION**
[72] MOSSLEIN, MONIKA, DE
[72] SCHEIBY, DAVID, GB
[71] GEA WIEGAND GMBH, DE
[85] 2017-04-26
[86] 2015-10-27 (PCT/EP2015/074824)
[87] (WO2016/066622)
[30] DE (10 2014 222 071.8) 2014-10-29

---

[21] **2,965,866**
[13] A1
[51] **Int.Cl. A61B 5/026 (2006.01) A61B 5/00 (2006.01)**
[25] EN
[54] **SKIN PERFUSION MONITORING DEVICE**
[54] **DISPOSITIF DE SURVEILLANCE D'UNE PERFUSION CUTANEE**
[72] CHACHISVILIS, MIRIANAS, US
[72] EDMAN, CARL FREDERICK, US
[72] TU, EUGENE, US
[71] VERISKIN, INC., US
[85] 2017-04-25
[86] 2014-12-05 (PCT/US2014/068909)
[87] (WO2015/085240)
[30] US (61/912,124) 2013-12-05

---

[21] **2,965,867**
[13] A1
[51] **Int.Cl. G01V 9/00 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **DETERMINING NON-LINEAR PETROFACIES USING CROSS-PLOT PARTITIONING**
[54] **DETERMINATION DE PETROFACIES TRANSVERSAUX NON-LINEAIRES A L'AIDE DU PARTITIONNEMENT DE GRAPHIQUES DE COMPARAISON**
[72] KHO, TIMOTHY JEREMIAH, US
[72] RAMSAY, TRAVIS ST. GEORGE, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2017-04-25
[86] 2014-12-08 (PCT/US2014/069114)
[87] (WO2016/093793)

---

[21] **2,965,870**
[13] A1
[51] **Int.Cl. H01G 4/00 (2006.01) H01G 4/06 (2006.01)**
[25] EN
[54] **ENERGY STORAGE DEVICES AND METHODS OF PRODUCTION THEREOF**
[54] **DISPOSITIFS DE STOCKAGE D'ENERGIE ET LEURS PROCEDES DE FABRICATION**
[72] LAZAREV, PAVEL, IVAN, US
[71] CAPACITOR SCIENCES INCORPORATED, US
[85] 2017-04-25
[86] 2015-11-03 (PCT/US2015/058890)
[87] (WO2016/073522)
[30] US (62/075,145) 2014-11-04

---

[21] **2,965,871**
[13] A1
[51] **Int.Cl. E21B 47/00 (2012.01) G06T 17/05 (2011.01) G06G 3/10 (2006.01) G06G 7/48 (2006.01)**
[25] EN
[54] **DEFINING NON-LINEAR PETROFACIES FOR A RESERVOIR SIMULATION MODEL**
[54] **DEFINITION DE FACIES PETROGRAPHIQUE NON LINEAIRE POUR UN MODELE DE SIMULATION DE RESERVOIR**
[72] RAMSAY, TRAVIS ST. GEORGE, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2017-04-25
[86] 2014-12-08 (PCT/US2014/069132)
[87] (WO2016/093794)

---

[21] **2,965,874**
[13] A1
[51] **Int.Cl. C12Q 1/06 (2006.01) G01N 31/00 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD AND APPARATUS FOR DETERMINING THE EFFECT OF GENETIC VARIANTS**
[54] **SYSTEME, PROCEDE ET APPAREIL POUR LA DETERMINATION DE L'EFFET DE VARIANTS GENETIQUES**
[72] LONERGAN, SHAUN, US
[72] RYALS, JOHN A., US
[72] MILBURN, MICHAEL V., US
[72] KENNEDY, ADAM, US
[72] GUO, LINING, US
[72] LAWTON, KAY A., US
[71] METABOLON, INC., US
[85] 2017-04-25
[86] 2015-11-04 (PCT/US2015/058934)
[87] (WO2016/073547)
[30] US (62/075,449) 2014-11-05
[30] US (62/075,949) 2014-11-06

[21] **2,965,877**
[13] A1
[51] **Int.Cl. G07C 3/00 (2006.01) G07C 3/12 (2006.01)**
[25] FR
[54] **METHOD AND DEVICE FOR TRACKING A PRODUCT PROCESSING LINE**
[54] **METHODE ET DISPOSITIF DE SUIVI DE LIGNE DE TRAITEMENT DE PRODUITS**
[72] KLOTZ, FRANCK, CA
[72] BEAULNE, SIMON, CA
[71] GEBO CERMEX CANADA INC., CA
[85] 2017-04-26
[86] 2014-10-30 (PCT/IB2014/002273)
[87] (WO2016/067068)

---

[21] **2,965,886**
[13] A1
[51] **Int.Cl. F16K 31/122 (2006.01) F16K 11/04 (2006.01) F16K 11/07 (2006.01) F16K 11/10 (2006.01) F16K 31/126 (2006.01)**
[25] EN
[54] **PILOT HYDRAULIC SYSTEM FOR OPERATING CONTROL VALVE**
[54] **SYSTEME HYDRAULIQUE DE PILOTAGE POUR UNE SOUPAPE DE COMMANDE DE FONCTIONNEMENT**
[72] AHARONI, BENYAMIN, IL
[71] R.F.G. TRADING LTD., IL
[85] 2017-04-26
[86] 2015-10-30 (PCT/IB2015/002202)
[87] (WO2016/067102)
[30] US (62/073,703) 2014-10-31

---

[21] **2,965,897**
[13] A1
[51] **Int.Cl. H04W 56/00 (2009.01) H04W 16/28 (2009.01) H04W 74/08 (2009.01)**
[25] EN
[54] **WIRELESS COMMUNICATIONS SYSTEM, BASE STATION, TERMINAL, AND PROCESSING METHOD**
[54] **SYSTEME DE COMMUNICATION SANS FIL, STATION DE BASE, DISPOSITIF TERMINAL, ET PROCEDE DE TRAITEMENT**
[72] SHIMOMURA, TSUYOSHI, JP
[72] TANAKA, YOSHINORI, JP
[71] FUJITSU LIMITED, JP
[85] 2017-04-26
[86] 2014-11-06 (PCT/JP2014/079511)
[87] (WO2016/072001)

---

[21] **2,965,898**
[13] A1
[51] **Int.Cl. A61K 31/20 (2006.01) A61P 35/00 (2006.01) C07C 381/00 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOUNDS**
[54] **COMPOSES PHARMACEUTIQUES**
[72] SHORR, ROBERT, US
[72] RODRIGUEZ, ROBERT, US
[72] BINGHAM, PAUL, US
[72] BOTEJU, LAKMAL, US
[72] KWOK, THOMAS, US
[72] MARECEK, JAMES, US
[71] SHORR, ROBERT, US
[71] RODRIGUEZ, ROBERT, US
[71] BINGHAM, PAUL, US
[71] BOTEJU, LAKMAL, US
[71] KWOK, THOMAS, US
[71] MARECEK, JAMES, US
[85] 2017-04-26
[86] 2014-06-19 (PCT/US2014/000150)
[87] (WO2015/195071)

---

[21] **2,965,901**
[13] A1
[51] **Int.Cl. H01M 8/04 (2016.01)**
[25] EN
[54] **FUEL CELL SYSTEM**
[54] **SYSTEME DE PILE A COMBUSTIBLE**
[72] ASAI, YOSHITOMO, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2017-04-26
[86] 2015-09-16 (PCT/JP2015/076340)
[87] (WO2016/067782)
[30] JP (2014-219712) 2014-10-28

---

[21] **2,965,902**
[13] A1
[51] **Int.Cl. E21B 43/24 (2006.01) C01B 3/00 (2006.01) C01B 13/00 (2006.01) C01D 5/00 (2006.01) C02F 1/44 (2006.01) C02F 5/00 (2006.01) C25B 1/04 (2006.01) E21B 36/04 (2006.01) G01R 27/22 (2006.01)**
[25] EN
[54] **DIRECT ELECTRICAL STEAM GENERATION FOR DOWNHOLE HEAVY OIL STIMULATION**
[54] **GENERATION DE VAPEUR ELECTRIQUE DIRECTE POUR LA STIMULATION EN FOND DE TROU DE PETROLE LOURD**
[72] DONALDSON, A. BURL, US
[71] DONALDSON, A. BURL, US
[85] 2017-04-26
[86] 2014-11-04 (PCT/US2014/063922)
[87] (WO2015/066709)
[30] US (61/899,504) 2013-11-04

---

[21] **2,965,905**
[13] A1
[51] **Int.Cl. A61C 7/14 (2006.01) A61C 7/28 (2006.01)**
[25] EN
[54] **ADJUSTABLE-PRESCRIPTION ORTHODONTIC BRACKET ASSEMBLIES**
[54] **ENSEMBLES D'ATTACHES ORTHODONTIQUES REGLABLES PRESCRITES SUR ORDONNANCE**
[72] COSSE, CHRISTOPHER C., US
[72] CORPUS, CALVIN N., US
[71] COSSE, CHRISTOPHER C., US
[85] 2017-04-26
[86] 2014-12-04 (PCT/US2014/068532)
[87] (WO2015/085048)
[30] US (61/913,122) 2013-12-06
[30] US (14/559,100) 2014-12-03

[21] **2,965,907**
[13] A1
[51] **Int.Cl. F16L 13/14 (2006.01)**
[25] EN
[54] **FITTING FOR CONNECTING TO A TUBULAR ELEMENT, TUBING CONNECTION AND A METHOD FOR CONNECTING A FITTING TO A TUBULAR ELEMENT**
[54] **RACCORD A RACCORDER A UN ELEMENT TUBULAIRE, RACCORD DE TUBAGE ET PROCEDE DE RACCORDEMENT D'UN RACCORD A UN ELEMENT TUBULAIRE**
[72] SALEHI-BAKHTIARI, MANOUCHEHR, GB
[71] APEX GOLD INTERNATIONAL LIMITED, CN
[85] 2017-04-26
[86] 2015-10-29 (PCT/IB2015/058341)
[87] (WO2016/067231)
[30] EP (14191353.3) 2014-10-31

[21] **2,965,909**
[13] A1
[51] **Int.Cl. E21B 4/02 (2006.01) E21B 4/10 (2006.01) E21B 7/00 (2006.01)**
[25] EN
[54] **DRILLING TOOL BEARING AND DRIVETRAIN ASSEMBLY**
[54] **ENSEMBLE PALIERS ET TRANSMISSION D'UN OUTIL DE FORAGE**
[72] SAVAGE, JOHN KEITH, CA
[72] BELL, STEVEN GRAHAM, CA
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-04-26
[86] 2014-12-12 (PCT/US2014/069978)
[87] (WO2016/093857)

[21] **2,965,911**
[13] A1
[51] **Int.Cl. A61K 36/88 (2006.01) A61K 36/28 (2006.01) A61K 36/288 (2006.01) A61K 36/53 (2006.01) A61K 36/70 (2006.01) A61P 3/04 (2006.01)**
[25] EN
[54] **LYMPHATIC-DRAINING COMPOSITION FOR OBESE SUBJECTS**
[54] **COMPOSITION POUR LE DRAINAGE LYMPHATIQUE**
[72] MERCATI, VALENTINO, IT
[72] MAIDECCHI, ANNA, IT
[71] ABOCA S.P.A. SOCIETA AGRICOLA, IT
[85] 2017-04-26
[86] 2016-01-04 (PCT/IB2016/050023)
[87] (WO2016/110794)
[30] IT (RM2015A000005) 2015-01-07

[21] **2,965,915**
[13] A1
[51] **Int.Cl. B32B 27/16 (2006.01) B44C 3/02 (2006.01) B44C 5/00 (2006.01) E04F 15/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR APPLYING ABRASION AND WEATHER RESISTANT COATING TO PROFILES**
[54] **SYSTEME ET PROCEDE D'APPLICATION D'UN REVETEMENT RESISTANT A L'ABRASION ET AUX INTEMPERIES A DES PROFILS**
[72] HUGI, REUVEN, IL
[72] STEPOVOY, BIATA, IL
[72] MICHEDO, IRENA, IL
[71] PALRAM INDUSTRIES (1990) LTD., IL
[85] 2017-04-26
[86] 2015-09-03 (PCT/IL2015/050885)
[87] (WO2016/035078)
[30] US (62/045,604) 2014-09-04

[21] **2,965,916**
[13] A1
[51] **Int.Cl. E21B 21/08 (2006.01) E21B 47/12 (2012.01) G06K 19/077 (2006.01)**
[25] EN
[54] **SURFACE SOLIDS SYSTEM**
[54] **SYSTEME POUR SOLIDES DE SURFACE**
[72] GALLIANO, CLINTON CHERAMIE, US
[72] ROWE, MATHEW DENNIS, US
[72] GRAVES, WALTER VARNEY ANDREW, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-04-26
[86] 2014-12-29 (PCT/US2014/072477)
[87] (WO2016/108808)

[21] **2,965,947**
[13] A1
[51] **Int.Cl. H04W 72/04 (2009.01) H04W 16/14 (2009.01) H04W 88/06 (2009.01) H04W 88/10 (2009.01)**
[25] EN
[54] **WIRELESS COMMUNICATION SYSTEM, BASE STATION APPARATUS, TERMINAL DEVICE, AND TRANSMISSION METHOD**
[54] **SYSTEME DE COMMUNICATION SANS FIL, DISPOSITIF STATION DE BASE, DISPOSITIF TERMINAL ET PROCEDE DE TRANSMISSION**
[72] CHEN, HONGYANG, JP
[72] TANAKA, YOSHINORI, JP
[72] NAKAMURA, MICHIHARU, JP
[71] FUJITSU LIMITED, JP
[85] 2017-04-26
[86] 2014-11-05 (PCT/JP2014/079374)
[87] (WO2016/071976)

[21] **2,965,949**
[13] A1
[51] **Int.Cl. F01N 13/08 (2010.01) B60K 13/04 (2006.01) F01N 1/00 (2006.01) F16L 27/04 (2006.01)**
[25] EN
[54] **METHOD OF DETERMINING ARRANGEMENT POSITION OF SPHERICAL JOINT FOR CONNECTING EXHAUST PIPES TO EACH OTHER IN EXHAUST SYSTEM, AND EXHAUST SYSTEM**
[54] **PROCEDE DE DETERMINATION DE POSITION DE DISPOSITION DE JOINT SPHERIQUE POUR COUPLER MUTUELLEMENT DES TUYAUX D'ECHAPPEMENT DANS UN SYSTEME D'ECHAPPEMENT, ET SYSTEME D'ECHAPPEMENT**
[72] KAIDA, HIDETOSHI, JP
[72] MATSUMOTO, YUKITO, JP
[72] FUJITA, SHOICHIRO, JP
[72] ODA, SHUNYA, JP
[71] OILES CORPORATION, JP
[85] 2017-04-26
[86] 2015-11-16 (PCT/JP2015/082159)
[87] (WO2016/084646)
[30] JP (2014-242576) 2014-11-28

---

[21] **2,965,955**
[13] A1
[51] **Int.Cl. B23D 47/00 (2006.01) B28D 1/04 (2006.01) C25C 3/12 (2006.01)**
[25] EN
[54] **METHOD AND ARRANGEMENT FOR PROCESSING CARBON BODIES**
[54] **PROCEDE ET AGENCEMENT POUR TRAITER DES CORPS DE CARBONE**
[72] SEEHUUS, HANS, NO
[71] NORSK HYDRO ASA, NO
[71] LYNG DRILLING AS, NO
[85] 2017-04-26
[86] 2015-10-16 (PCT/NO2015/000025)
[87] (WO2016/068718)
[30] NO (20141289) 2014-10-29

---

[21] **2,965,957**
[13] A1
[51] **Int.Cl. C09K 8/12 (2006.01) C09K 8/24 (2006.01) C09K 8/467 (2006.01)**
[25] EN
[54] **INDUSTRIAL FLUIDS WITH DILUTION RESISTANCE AND TUNABLE VISCOSITY, AND METHODS OF MAKING AND USING INDUSTRIAL FLUIDS**
[54] **FLUIDES INDUSTRIELS PRESENTANT UNE RESISTANCE A LA DILUTION ET UNE VISCOSITE AJUSTABLE ET PROCEDES DE FABRICATION ET D'UTILISATION DES FLUIDES INDUSTRIELS**
[72] KOSTER, NICHOLAS A., US
[72] DOUS, DARRELL, CA
[72] MANNING, ANTHONY, CA
[71] BLUE NOSE USA LLC, US
[85] 2017-04-26
[86] 2015-10-27 (PCT/US2015/057607)
[87] (WO2016/069618)
[30] US (62/069,076) 2014-10-27

---

[21] **2,965,960**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61P 31/00 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **ANTI-TIM-3 ANTIBODIES**
[54] **ANTICORPS ANTI-TIM -3**
[72] WANG, CHENG-I, SG
[72] OH, HSUEH LING JANICE, SG
[72] YEO, SIOK PING, SG
[72] GOH, YUN PEI SHARON, SG
[71] AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH, SG
[85] 2017-04-26
[86] 2015-10-27 (PCT/SG2015/050415)
[87] (WO2016/068803)
[30] GB (1419089.6) 2014-10-27
[30] GB (1419092.0) 2014-10-27

---

[21] **2,965,963**
[13] A1
[51] **Int.Cl. C07C 323/62 (2006.01) A61K 31/20 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOUNDS**
[54] **COMPOSES PHARMACEUTIQUES**
[72] SHORR, ROBERT, US
[72] RODRIGUEZ, ROBERT, US
[72] BINGHAM, PAUL, US
[72] BOTEJU, LAKMAL, US
[72] KWOK, THOMAS, US
[72] MARECEK, JAMES, US
[71] SHORR, ROBERT, US
[71] RODRIGUEZ, ROBERT, US
[71] BINGHAM, PAUL, US
[71] BOTEJU, LAKMAL, US
[71] KWOK, THOMAS, US
[71] MARECEK, JAMES, US
[85] 2017-04-26
[86] 2014-06-19 (PCT/US2014/000149)
[87] (WO2015/195070)

---

[21] **2,965,966**
[13] A1
[51] **Int.Cl. E21B 23/02 (2006.01) E21B 10/32 (2006.01) E21B 19/00 (2006.01)**
[25] EN
[54] **MULTI SHOT ACTIVATION SYSTEM**
[54] **SYSTEME D'ACTIVATION A TIRS MULTIPLES**
[72] MAGEREN, OLIVIER, BE
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-04-26
[86] 2014-12-30 (PCT/US2014/072782)
[87] (WO2016/108854)

[21] **2,965,969**
[13] A1
[51] **Int.Cl. B32B 5/12 (2006.01) B32B 7/12 (2006.01) B32B 27/32 (2006.01) B32B 27/34 (2006.01) B32B 37/12 (2006.01) C08J 5/12 (2006.01)**
[25] EN
[54] **COMPOSITE ARTICLES INCLUDING FILMS WITH A TIE LAYER**
[54] **ARTICLE COMPOSITE COMPRENANT DES FILMS AVEC UNE COUCHE DE LIAISON**
[72] WANG, RUOMIAO, US
[72] TRABER, BRUNO, CH
[72] MEINCKE, OLAF, CH
[71] HANWHA AZDEL, INC., US
[71] COLLANO ADHESIVES AG, CH
[71] NOLAX AG, CH
[85] 2017-04-26
[86] 2015-10-28 (PCT/US2015/057737)
[87] (WO2016/069705)
[30] US (62/072,261) 2014-10-29
[30] US (62/169,412) 2015-06-01

[21] **2,965,972**
[13] A1
[51] **Int.Cl. H01R 9/05 (2006.01)**
[25] EN
[54] **SWAGE HIGH VOLTAGE CABLE TERMINAL**
[54] **BORNE DE CABLE A SERTIR HAUTE TENSION**
[72] TURNER, KELVIN, US
[71] AFL TELECOMMUNICATIONS LLC, US
[85] 2017-04-26
[86] 2015-10-28 (PCT/US2015/057768)
[87] (WO2016/069721)
[30] US (62/069,689) 2014-10-28

[21] **2,965,973**
[13] A1
[51] **Int.Cl. G01N 33/567 (2006.01) C07K 7/08 (2006.01) G01N 33/564 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **PIF BINDING AS A MARKER FOR IMMUNE DYSREGULATION**
[54] **LIAISON PIF EN TANT QUE MARQUEUR D'UN DYSFONCTIONNEMENT IMMUNITAIRE**
[72] BARNEA, EYTAN R., US
[71] BIOINCEPT, LLC, US
[85] 2017-04-26
[86] 2015-11-03 (PCT/US2015/058877)
[87] (WO2016/073513)
[30] US (62/074,384) 2014-11-03
[30] US (62/113,298) 2015-02-06
[30] US (62/211,660) 2015-08-28
[30] US (PCT/US2015/050532) 2015-09-16

[21] **2,965,974**
[13] A1
[51] **Int.Cl. A61F 9/00 (2006.01) A61N 5/06 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR THE TREATMENT OF EYE CONDITIONS**
[54] **SYSTEMES ET PROCEDES POUR LE TRAITEMENT D'AFFECTIONS OCULAIRES**
[72] KELLEHER, BRIAN S., US
[72] GAMBHIR, KABIR, US
[71] TEAR FILM INNOVATIONS, INC., US
[85] 2017-04-26
[86] 2015-10-30 (PCT/US2015/058487)
[87] (WO2016/070134)
[30] US (14/529,102) 2014-10-30

[21] **2,965,980**
[13] A1
[51] **Int.Cl. E06C 1/12 (2006.01)**
[25] EN
[54] **EXTENSION LADDER, LADDER COMPONENTS AND RELATED METHODS**
[54] **ECHELLES D'EXTENSION, COMPOSANTS D'ECHELLE ET PROCEDES ASSOCIES**
[72] BALLARD, JAY, US
[72] SMITH, CHRISTIAN, US
[72] JONAS, GARY, US
[72] PETERSON, SEAN, US
[72] RUSSELL, BRIAN, US
[71] WING ENTERPRISES, INCORPORATED, US
[85] 2017-04-26
[86] 2015-11-02 (PCT/US2015/058644)
[87] (WO2016/073366)
[30] US (62/075,053) 2014-11-04

[21] **2,965,981**
[13] A1
[51] **Int.Cl. A61K 31/44 (2006.01) C07D 311/58 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **SUBSTITUTED CHROMANES AND METHOD OF USE**
[54] **CHROMANES SUBSTITUES ET METHODE D'UTILISATION**
[72] KYM, PHILIP R., US
[72] WANG, XUEQING, US
[72] SEARLE, XENIA B., US
[72] LIU, BO, US
[72] YEUNG, MING C., US
[72] ALTENBACH, ROBERT J., US
[72] VOIGHT, ERIC, US
[72] BOGDAN, ANDREW, US
[72] KOENIG, JOHN R., US
[71] ABBVIE S.A.R.L., LU
[71] GALAPAGOS NV, BE
[85] 2017-04-26
[86] 2015-10-28 (PCT/US2015/057837)
[87] (WO2016/069757)
[30] US (62/073,573) 2014-10-31

[21] **2,965,988**
[13] A1
[51] **Int.Cl. G01N 33/48 (2006.01)**
[25] EN
[54] **PARALLEL-PROCESSING SYSTEMS AND METHODS FOR HIGHLY SCALABLE ANALYSIS OF BIOLOGICAL SEQUENCE DATA**
[54] **SYSTEMES DE TRAITEMENT EN PARALLELE ET PROCEDES POUR ANALYSE HAUTEMENT EVOLUTIVE DE DONNEES DE SEQUENCE BIOLOGIQUE**
[72] FITCH, JAMES R., US
[72] KELLY, BENJAMIN J., US
[72] WHITE, PETER, US
[71] RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL, US
[85] 2017-04-26
[86] 2015-11-20 (PCT/US2015/061924)
[87] (WO2016/081866)
[30] US (62/083,000) 2014-11-21

---

[21] **2,965,989**
[13] A1
[51] **Int.Cl. E21B 44/00 (2006.01) E21B 7/06 (2006.01) E21B 47/02 (2006.01) G06F 9/455 (2006.01) G06G 7/48 (2006.01)**
[25] EN
[54] **IMPROVING GEOSTEERING INVERSION USING LOOK-AHEAD LOOK-AROUND ELECTROMAGNETIC TOOL**
[54] **PERFECTIONNEMENT DE L'INVERSION DE PILOTAGE GEOLOGIQUE A L'AIDE D'UN OUTIL ELECTROMAGNETIQUE DE RECHERCHE VERS L'AVANT ET DE RECHERCHE AUX ALENTOURS**
[72] WU, HSU-HSIANG, US
[72] DONDERICI, BURKAY, US
[72] DYKSTRA, JASON D., US
[72] XUE, YUZHEN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-04-26
[86] 2014-12-31 (PCT/US2014/073065)
[87] (WO2016/108913)

---

[21] **2,965,990**
[13] A1
[51] **Int.Cl. A61N 1/40 (2006.01) A61B 17/32 (2006.01) A61B 18/14 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR ELECTROSURGICAL ILLUMINATION AND SENSING**
[54] **PROCEDES ET APPAREIL POUR DETECTION ET ECLAIRAGE ELECTROCHIRURGICAL**
[72] VAYSER, ALEX, US
[72] ERISMANN, FERNANDO, US
[72] TAYLOR, SCOTT, US
[72] HEGENER, JASON, US
[71] INVUITY, INC., US
[85] 2017-04-26
[86] 2015-12-08 (PCT/US2015/064553)
[87] (WO2016/094443)
[30] US (62/089,023) 2014-12-08
[30] US (62/136,335) 2015-03-20
[30] US (62/212,516) 2015-08-31

---

[21] **2,965,991**
[13] A1
[51] **Int.Cl. G05B 19/00 (2006.01)**
[25] EN
[54] **AUTO CONFIGURATION FOR AUTO-ENROLLED ACCESS CONTROLLER SYSTEMS**
[54] **CONFIGURATION AUTOMATIQUE DESTINEE A DES SYSTEMES DE COMMANDE D'ACCES D'AUTO-INSCRITS**
[72] FRENETTE, STEPHAN, CA
[72] LABRECQUE, GABRIEL, CA
[72] ROY, JEAN-FRANCOIS, CA
[71] SENSORMATIC ELECTRONICS, LLC, US
[85] 2017-03-24
[86] 2015-09-28 (PCT/US2015/052567)
[87] (WO2016/049617)
[30] US (14/497,445) 2014-09-26

---

[21] **2,965,992**
[13] A1
[51] **Int.Cl. E21B 49/00 (2006.01)**
[25] EN
[54] **COMPLETIONS INDEX ANALYSIS**
[54] **ANALYSE D'INDICES DE COMPLETION**
[72] JAMES, CHRISTOPHER MICHAEL, US
[72] BUSTOS, OSCAR A., US
[72] GILMORE, EVAN DANIEL, US
[72] MATUS, ERIC ROBERT, US
[71] EOG RESOURCES, INC., US
[85] 2017-04-26
[86] 2015-09-04 (PCT/US2015/048714)
[87] (WO2016/069114)
[30] US (14/526,288) 2014-10-28

---

[21] **2,965,994**
[13] A1
[51] **Int.Cl. C12N 15/41 (2006.01)**
[25] EN
[54] **HAND, FOOT, AND MOUTH VACCINES AND METHODS OF MANUFACTURE AND USE THEREOF**
[54] **VACCINS DE LA MAIN, DU PIED ET DE LA BOUCHE, ET PROCEDES DE FABRICATION ET D'UTILISATION DE CEUX-CI**
[72] DAS, SUBASH CHANDRA, US
[72] SANTANGELO, JOSEPH DAVID, US
[72] STINCHCOMB, DAN THOMAS, US
[72] OSORIO, JORGE E., US
[71] TAKEDA VACCINES, INC., US
[85] 2017-04-26
[86] 2015-11-06 (PCT/US2015/059587)
[87] (WO2016/073929)
[30] US (62/077,139) 2014-11-07

[21] **2,965,996**
[13] A1
[51] **Int.Cl. B03D 1/00 (2006.01) B03D 1/02 (2006.01)**
[25] EN
[54] **FLOTATION SEPARATION OF FINE COAL PARTICLES FROM ASH-FORMING PARTICLES**
[54] **SEPARATION PAR FLOTTATION DE PARTICULES FINES DE CHARBON A PARTIR DE PARTICULES FORMANT DES CENDRES**
[72] SWENSEN, JAMES S., US
[72] HODSON, SIMON K., US
[72] HODSON, JONATHAN K., US
[71] EARTH TECHNOLOGIES USA LIMITED, US
[85] 2017-04-26
[86] 2015-09-17 (PCT/US2015/050737)
[87] (WO2016/048793)
[30] US (14/495,657) 2014-09-24

[21] **2,965,997**
[13] A1
[51] **Int.Cl. A61F 2/66 (2006.01)**
[25] EN
[54] **PROSTHETIC FOOT**
[54] **PIED PROTHETIQUE**
[72] SMITH, KEITH B., US
[72] WERNER, BRIAN, US
[71] ABILITY DYNAMICS, LLC, US
[85] 2017-04-26
[86] 2016-01-14 (PCT/US2016/013479)
[87] (WO2016/115395)
[30] US (62/103,649) 2015-01-15

[21] **2,966,000**
[13] A1
[51] **Int.Cl. B64G 1/50 (2006.01) B64G 1/64 (2006.01)**
[25] EN
[54] **METHOD OF COOLING SATLET ELECTRONICS**
[54] **PROCEDE DE REFROIDISSEMENT DE SYSTEME ELECTRONIQUE DE SATELLITE MINIATURE**
[72] JAEGER, TALBOT, US
[71] NOVAWURKS, INC., US
[85] 2017-04-26
[86] 2015-11-11 (PCT/US2015/060077)
[87] (WO2016/077415)
[30] US (14/538,090) 2014-11-11

[21] **2,966,003**
[13] A1
[51] **Int.Cl. B63B 35/44 (2006.01) B63B 21/04 (2006.01) E21B 17/01 (2006.01)**
[25] EN
[54] **FLOATING VESSEL**
[54] **VAISSEAU FLOTTANT**
[72] VANDENWORM, NICOLAAS JOHANNES, US
[71] JURONG SHIPYARD PTE LTD., SG
[71] VANDENWORM, NICOLAAS JOHANNES, US
[85] 2017-04-26
[86] 2016-01-27 (PCT/US2016/015159)
[87] (WO2016/137643)
[30] US (14/630,563) 2015-02-24

[21] **2,966,005**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 31/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **ANTI-CS1 ANTIBODIES AND ANTIBODY DRUG CONJUGATES**
[54] **ANTICORPS ANTI-CS1 ET CONJUGUES ANTICORPS-MEDICAMENT**
[72] GISH, KURT C., US
[72] KIM, HAN K., US
[72] NAUMOVSKI, LOUIE, US
[71] ABBVIE BIOTHERAPEUTICS INC., US
[85] 2017-04-26
[86] 2015-10-30 (PCT/US2015/058389)
[87] (WO2016/070089)
[30] US (62/073,824) 2014-10-31

[21] **2,966,006**
[13] A1
[51] **Int.Cl. E02F 3/88 (2006.01) E02F 3/90 (2006.01)**
[25] EN
[54] **AERO-EXCAVATION APPARATUS AND METHOD OF OPERATING THE SAME**
[54] **APPAREIL D'EXCAVATION AVEC SOUFFLANTE ET PROCEDE DE FONCTIONNEMENT DE CELUI-CI**
[72] NAUD, JEAN-LUC, CA
[72] BOUCHARD, MATHIEU, CA
[71] GENIX DEVELOPPEMENT, CA
[85] 2017-04-27
[86] 2014-11-06 (PCT/CA2014/000799)
[87] (WO2015/066798)
[30] US (61/900,724) 2013-11-06

[21] **2,966,009**
[13] A1
[51] **Int.Cl. H04M 3/42 (2006.01) H04L 12/58 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR NOTIFICATIONS IN COMMUNICATIONS NETWORKS**
[54] **PROCEDES ET SYSTEMES D'ENVOI DE NOTIFICATIONS DANS DES RESEAUX DE COMMUNICATION**
[72] LEWINSON, TOM, CA
[72] LEWINSON, SHARON, CA
[71] RIDESHARK CORPORATION, CA
[85] 2017-04-27
[86] 2015-10-27 (PCT/CA2015/000552)
[87] (WO2016/065454)
[30] US (62/068,866) 2014-10-27

[21] **2,966,010**
[13] A1
[51] **Int.Cl. D01F 1/10 (2006.01) A61N 5/06 (2006.01) C09K 11/02 (2006.01) C09K 11/06 (2006.01)**
[25] EN
[54] **PHOTOACTIVATABLE FIBERS AND FABRIC MEDIA**
[54] **FIBRES ET SUPPORTS DE TISSU PHOTOACTIVATABLES**
[72] PIERGALLINI, REMIGIO, IT
[72] LOUPIS, NIKOLAOS, GR
[72] O'HAYON, DAVID, CA
[71] KLOX TECHNOLOGIES INC., CA
[85] 2017-04-27
[86] 2015-10-30 (PCT/CA2015/051118)
[87] (WO2016/065488)
[30] US (62/073,795) 2014-10-31

[21] **2,966,014**
[13] A1
[51] **Int.Cl. H04W 8/02 (2009.01) H04W 12/08 (2009.01) H04W 92/08 (2009.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING SERVICE LICENSE AGGREGATION ACROSS MULTIPLE PHYSICAL AND VIRTUAL SIM CARDS**
[54] **SYSTEME ET PROCEDE POUR FOURNIR UNE AGREGATION DE LICENCES DE SERVICE ENTRE PLUSIEURS CARTES SIM PHYSIQUES ET VIRTUELLES**
[72] MADEJ, PIOTR, CA
[72] SMITH, ANDREW CHRISTOPHER, CA
[71] BLACKBERRY LIMITED, CA
[85] 2017-04-27
[86] 2015-11-12 (PCT/CA2015/051176)
[87] (WO2016/074088)
[30] US (14/540,889) 2014-11-13
[30] US (14/856,553) 2015-09-16

---

[21] **2,966,015**
[13] A1
[51] **Int.Cl. E21B 43/26 (2006.01) E21B 33/068 (2006.01)**
[25] EN
[54] **MODULAR FRACTURING SYSTEM**
[54] **SYSTEME DE FRACTURATION MODULAIRE**
[72] CONRAD, GREGORY A., CA
[72] LOVIN, JAMES W., CA
[71] CAMERON INTERNATIONAL CORPORATION, US
[85] 2017-04-26
[86] 2015-10-23 (PCT/US2015/057057)
[87] (WO2016/069390)
[30] US (14/525,180) 2014-10-27

---

[21] **2,966,018**
[13] A1
[51] **Int.Cl. B63B 22/00 (2006.01) B63B 21/00 (2006.01) B63B 21/50 (2006.01) B63B 35/00 (2006.01) B63B 39/00 (2006.01)**
[25] EN
[54] **BUOYANT STRUCTURE**
[54] **STRUCTURE FLOTTANTE**
[72] VANDENWORM, NICOLAAS JOHANNES, US
[71] JURONG SHIPYARD PTE LTD., SG
[71] VANDENWORM, NICOLAAS JOHANNES, US
[85] 2017-04-26
[86] 2015-10-26 (PCT/US2015/057397)
[87] (WO2016/069484)
[30] US (14/524,992) 2014-10-27

---

[21] **2,966,019**
[13] A1
[51] **Int.Cl. G06F 15/16 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PERFORMING CONCURRENT DATABASE OPERATIONS ON A DATABASE RECORD**
[54] **SYSTEME ET PROCEDE PERMETTANT D'EXECUTER DES OPERATIONS DE BASE DE DONNEES SIMULTANEES SUR UN ENREGISTREMENT DE BASE DE DONNEES**
[72] SALE, WILLIAM, US
[71] SALE, WILLIAM, US
[85] 2017-04-26
[86] 2015-10-27 (PCT/US2015/057470)
[87] (WO2016/069532)
[30] US (62/068,846) 2014-10-27

---

[21] **2,966,022**
[13] A1
[51] **Int.Cl. B60C 1/00 (2006.01) B82Y 30/00 (2011.01) C08L 1/02 (2006.01)**
[25] EN
[54] **AUTOMOTIVE TIRES CONTAINING HYDROPHOBIC NANOCELLULOSE**
[54] **PNEUMATIQUES AUTOMOBILES CONTENANT DE LA NANOCELLULOSE HYDROPHOBE**
[72] KARAMPELAS, BASIL, US
[71] API INTELLECTUAL PROPERTY HOLDINGS, LLC, US
[85] 2017-04-26
[86] 2015-10-27 (PCT/US2015/057500)
[87] (WO2016/069550)
[30] US (62/073,600) 2014-10-31
[30] US (14/923,131) 2015-10-26

---

[21] **2,966,023**
[13] A1
[51] **Int.Cl. A61K 31/36 (2006.01) A61K 31/351 (2006.01) A61P 11/00 (2006.01)**
[25] EN
[54] **SUBSTITUTED TETRAHYDROPYRANS AND METHOD OF USE**
[54] **TETRAHYDROPYRANNES SUBSTITUES ET METHODE D'UTILISATION ASSOCIEE**
[72] KYM, PHILIP R., US
[72] WANG, XUEQING, US
[72] SEARLE, XENIA B., US
[72] LIU, BO, US
[72] YEUNG, MING C., US
[71] ABBVIE S.A.R.L., LU
[71] GALAPAGOS NV, BE
[85] 2017-04-26
[86] 2015-10-29 (PCT/US2015/058043)
[87] (WO2016/069891)
[30] US (62/073,586) 2014-10-31

[21] **2,966,027**
[13] A1
[51] **Int.Cl. C03B 23/24 (2006.01) C03B 23/203 (2006.01) C03C 27/00 (2006.01) C03C 27/06 (2006.01) E06B 3/66 (2006.01)**
[25] EN
[54] **ENERGY-SAVING PLATE AND METHOD FOR MANUFACTURING THE SAME**
[54] **FEUILLE PERMETTANT D'ECONOMISER L'ENERGIE ET SON PROCEDE DE FABRICATION**
[72] TIAN, YONGJIANG, CA
[71] ICESUN VACUUM GLASS LTD., CA
[85] 2017-04-27
[86] 2014-11-07 (PCT/CN2014/090651)
[87] (WO2016/065665)
[30] CN (201410601986.8) 2014-10-31
[30] CN (201420643067.2) 2014-10-31

[21] **2,966,028**
[13] A1
[51] **Int.Cl. A23G 1/32 (2006.01) A23G 3/36 (2006.01) A23G 4/06 (2006.01) A61K 9/68 (2006.01)**
[25] EN
[54] **NUTRITIONAL SUPPLEMENTS**
[54] **COMPLEMENTS NUTRITIONNELS**
[72] CHOI, DONALD M., US
[72] PEISSIS, EDWIN, US
[71] VITATHINQ, INC., US
[85] 2017-04-26
[86] 2015-10-27 (PCT/US2015/057553)
[87] (WO2016/069580)
[30] US (62/068,881) 2014-10-27

[21] **2,966,029**
[13] A1
[51] **Int.Cl. A61B 90/11 (2016.01) A61M 5/142 (2006.01) A61M 25/088 (2006.01)**
[25] EN
[54] **APPARATUSES, SYSTEMS AND METHODS FOR CONTROLLED DELIVERY OF THERAPEUTICS AND RELATED SUBSTANCES**
[54] **APPAREILS, SYSTEMES ET PROCEDES POUR L'ADMINISTRATION CONTROLEE D'AGENTS THERAPEUTIQUES ET DE SUBSTANCES APPARENTEES**
[72] AVALOS, PABLO, US
[72] DRAZIN, DONIEL, US
[72] SVENDSEN, CLIVE, US
[72] BAKER, MICHAEL JOHN, US
[72] DRLIK, MARK SASHA, CA
[71] CEDARS-SINAI MEDICAL CENTER, US
[85] 2017-04-26
[86] 2015-10-29 (PCT/US2015/058134)
[87] (WO2016/069936)
[30] US (62/072,414) 2014-10-29
[30] US (62/072,373) 2014-10-29
[30] US (62/072,365) 2014-10-29

[21] **2,966,030**
[13] A1
[51] **Int.Cl. H02P 29/00 (2016.01) A01G 3/08 (2006.01)**
[25] EN
[54] **METHOD OF CONTROLLING SPEED CHANGE OF A PRUNING MACHINE**
[54] **PROCEDE DE COMMANDE DE REGULATION DE VITESSE D'UN ELAGUEUR**
[72] MENG, SILI, CN
[71] CHANGZHOU GLOBE CO., LTD., CN
[85] 2017-04-27
[86] 2015-04-10 (PCT/CN2015/076225)
[87] (WO2016/065848)
[30] CN (201410585183.8) 2014-10-28

[21] **2,966,031**
[13] A1
[51] **Int.Cl. F24F 11/02 (2006.01) F24F 13/22 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR CONTROLLING DRAINAGE OF DEHUMIDIFIER, AND DEHUMIDIFIER**
[54] **PROCEDE ET DISPOSITIF DE COMMANDE DE DRAINAGE D'UN DESHUMIDIFICATEUR ET DESHUMIDIFICATEUR**
[72] HUANG, XIAOQING, CN
[72] YAO, XINXIANG, CN
[72] YAO, GANG, CN
[72] LIANG, YAOXIANG, CN
[72] HU, SHUFENG, CN
[72] HE, ZHICHAO, CN
[72] LUO, YANZAN, CN
[71] GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI, CN
[85] 2017-04-27
[86] 2015-04-14 (PCT/CN2015/076578)
[87] (WO2016/065855)
[30] CN (201410592534.8) 2014-10-28

[21] **2,966,033**
[13] A1
[51] **Int.Cl. C07H 19/10 (2006.01) A61K 31/712 (2006.01) A61K 38/21 (2006.01) A61P 31/12 (2006.01) A61P 35/00 (2006.01) C07H 19/067 (2006.01) C07H 19/167 (2006.01) C07H 19/20 (2006.01)**
[25] EN
[54] **2',2'-DIHALO NUCLEOSIDE ANALOGS FOR TREATMENT OF THE FLAVIVIRIDAE FAMILY OF VIRUSES AND CANCER**
[54] **ANALOGUES DE 2',2'-DIHALO-NUCLEOSIDES UTILISABLES EN VUE DU TRAITEMENT D'INFECTIONS PAR DES VIRUS DE LA FAMILLE DES FLAVIVIRIDAE ET DU CANCER**
[72] COATS, STEVEN J., US
[72] AMBLARD, FRANCK, US
[72] GARNIER-AMBLARD, ETHEL, US
[72] SCHINAZI, RAYMOND F., US
[71] COCRYSTAL PHARMA, INC., US
[71] EMORY UNIVERSITY, US
[85] 2017-04-26
[86] 2015-10-30 (PCT/US2015/058194)
[87] (WO2016/069975)
[30] US (62/073,937) 2014-10-31

[21] **2,966,034**
[13] A1
[51] **Int.Cl. B61D 17/08 (2006.01) B61D 17/04 (2006.01) B61D 17/06 (2006.01)**
[25] EN
[54] **SIDE WALL STRUCTURE OF OPEN WAGON**
[54] **STRUCTURE DE PAROI LATERALE DE WAGON OUVERT**
[72] WU, HUIPING, CN
[72] HU, YAOMING, CN
[72] ZHAO, HUARUI, CN
[72] HE, YAN, CN
[72] LIN, LIANGCAI, CN
[72] TANG, CHUQIANG, CN
[71] CSR YANGZE CO., LTD., CN
[85] 2017-04-27
[86] 2015-10-22 (PCT/CN2015/092528)
[87] (WO2016/086732)
[30] CN (201410735198.8) 2014-12-04

---

[21] **2,966,035**
[13] A1
[51] **Int.Cl. A61K 35/17 (2015.01) C12N 5/0783 (2010.01) A61K 48/00 (2006.01) C07K 14/705 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS OF STIMULATING AND EXPANDING T CELLS**
[54] **COMPOSITIONS ET PROCEDES DE STIMULATION ET DE MULTIPLICATION DE CELLULES T**
[72] ZHAO, YANGBING, US
[72] LIU, XIAOJUN, US
[72] JUNE, CARL H., US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[85] 2017-04-26
[86] 2015-10-30 (PCT/US2015/058228)
[87] (WO2016/069993)
[30] US (62/073,268) 2014-10-31

---

[21] **2,966,036**
[13] A1
[51] **Int.Cl. B63B 35/40 (2006.01) B63B 35/50 (2006.01)**
[25] EN
[54] **METHOD USING A FLOATABLE OFFSHORE DEPOT**
[54] **PROCEDE UTILISANT UN DEPOT OFFSHORE FLOTTANT**
[72] VANDENWORM, NICOLAAS JOHANNES, US
[71] JURONG SHIPYARD PTE LTD., SG
[71] VANDENWORM, NICOLAAS JOHANNES, US
[85] 2017-04-26
[86] 2016-01-27 (PCT/US2016/015163)
[87] (WO2016/137644)
[30] US (14/630,576) 2015-02-24

---

[21] **2,966,037**
[13] A1
[51] **Int.Cl. C09J 7/02 (2006.01) A45D 19/00 (2006.01)**
[25] EN
[54] **BIODEGRADABLE FILM HAVING AN ADHESIVE AND METHODS OF USE THEREOF**
[54] **FILM BIODEGRADABLE AYANT UN ADHESIF ET SES PROCEDES D'UTILISATION**
[72] WRIGHT, NORMAN, CA
[72] CINI, FRANK ALBERT, CA
[71] WRIGHT, NORMAN, CA
[71] CINI, FRANK ALBERT, CA
[85] 2017-04-27
[86] 2015-10-27 (PCT/CA2015/000555)
[87] (WO2016/065455)
[30] US (62/069,107) 2014-10-27

---

[21] **2,966,038**
[13] A1
[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/4412 (2006.01) A61P 35/00 (2006.01) C07D 401/14 (2006.01) C07D 407/14 (2006.01) C07D 413/14 (2006.01)**
[25] EN
[54] **ISOINDOLINE DERIVATIVE, INTERMEDIATE, PREPARATION METHOD, PHARMACEUTICAL COMPOSITION AND USE THEREOF**
[54] **DERIVE D'ISOINDOLINE, SON INTERMEDIAIRE, SON PROCEDE DE PREPARATION, SA COMPOSITION PHARMACEUTIQUE ET SON UTILISATION**
[72] GE, CHUANSHENG, CN
[72] LEE, WEN-CHERNG, CN
[72] LIAO, BAISONG, CN
[72] ZHANG, LEI, CN
[71] KANGPU BIOPHARMACEUTICALS, LTD., CN
[85] 2017-04-27
[86] 2015-08-27 (PCT/CN2015/088312)
[87] (WO2016/065980)
[30] CN (201410605148.8) 2014-10-30
[30] CN (201410632870.0) 2014-11-11

---

[21] **2,966,040**
[13] A1
[51] **Int.Cl. G01N 33/53 (2006.01) C07K 16/06 (2006.01) C07K 16/30 (2006.01)**
[25] EN
[54] **ANTI-GALECTIN ANTIBODY BIOMARKERS PREDICTIVE OF ANTI-IMMUNE CHECKPOINT AND ANTI-ANGIOGENESIS RESPONSES**
[54] **BIOMARQUEURS D'ANTICORPS ANTI-GALECTINE PREDICTIFS D'UN CHECKPOINT ANTI-IMMUNITAIRE ET DE REPONSES D'ANTI-ANGIOGENESE**
[72] HODI, F. STEPHEN, US
[72] WU, XINQI, US
[72] LI, JINGJING, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2017-04-26
[86] 2015-10-30 (PCT/US2015/058276)
[87] (WO2016/073299)
[30] US (62/074,779) 2014-11-04

[21] **2,966,042**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/18 (2006.01)**
[25] EN
[54] **COMBINATION THERAPY FOR TREATMENT OF DISEASE**
[54] **THERAPIE COMBINEE POUR LE TRAITEMENT D'UNE MALADIE**
[72] MURRIEL, CHRISTOPHER LAMOND, US
[72] HOEY, TIMOTHY CHARLES, US
[72] GURNEY, AUSTIN L., US
[72] RODA, JULIE MICHELLE, US
[72] SRIVASTAVA, MINU K., US
[72] PARK, INKYUNG, US
[72] DUPONT, JAKOB, US
[71] ONCOMED PHARMACEUTICALS, INC., US
[85] 2017-04-26
[86] 2015-10-30 (PCT/US2015/058327)
[87] (WO2016/070051)
[30] US (62/073,634) 2014-10-31
[30] US (62/127,172) 2015-03-02
[30] US (62/192,133) 2015-07-14
[30] US (62/242,567) 2015-10-16

[21] **2,966,043**
[13] A1
[51] **Int.Cl. E21B 7/00 (2006.01) E21B 44/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DRILLING A NEW WELL USING HISTORIC DRILLING DATA**
[54] **PROCEDE ET APPAREIL DE FORAGE D'UN NOUVEAU PUITS A L'AIDE DE DONNEES DE FORAGES HISTORIQUES**
[72] KRISTJANSSON, SEAN, CA
[72] LAI, STEPHEN, CA
[72] TREMAINE, DEAN, CA
[71] PASON SYSTEMS CORP., CA
[85] 2017-04-27
[86] 2015-03-27 (PCT/CA2015/050241)
[87] (WO2016/154723)

[21] **2,966,044**
[13] A1
[51] **Int.Cl. C40B 20/08 (2006.01) A61K 39/395 (2006.01) C12N 5/00 (2006.01) C12N 15/11 (2006.01) C12P 19/34 (2006.01) C40B 50/06 (2006.01)**
[25] EN
[54] **METHODS FOR MODULATING ATRX-DEPENDENT GENE REPRESSION**
[54] **PROCEDES DE MODULATION DE LA REPRESSION GENIQUE DEPENDANT D'ATRX**
[72] LEE, JEANNIE T., US
[72] SARMA, KAVITHA, US
[71] THE GENERAL HOSPITAL CORPORATION, US
[85] 2017-04-26
[86] 2015-10-30 (PCT/US2015/058338)
[87] (WO2016/070060)
[30] US (62/072,962) 2014-10-30

[21] **2,966,045**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **PREDICTION OF HYBRID TRAITS**
[54] **PREDICTION DE TRAITS HYBRIDES**
[72] SCHOLTEN, STEFAN, DE
[72] THIEMANN, ALEXANDER, DE
[72] SEIFERT, FELIX, DE
[72] FRISCH, MATTHIAS, DE
[72] MELCHINGER, ALBRECHT, DE
[71] HI FIDELITY GENETICS LLC, US
[85] 2017-04-27
[86] 2014-10-27 (PCT/EP2014/072953)
[87] (WO2015/063008)
[30] DE (102013111980.8) 2013-10-30

[21] **2,966,046**
[13] A1
[51] **Int.Cl. F28D 17/00 (2006.01) F24F 3/14 (2006.01)**
[25] EN
[54] **DEHUMIDIFICATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE DESHUMIDIFICATION**
[72] DAVIES, ROGER PHILIP, AU
[71] INTEX HOLDINGS PTY LTD, AU
[85] 2017-04-27
[86] 2015-10-27 (PCT/AU2015/000641)
[87] (WO2016/065394)
[30] AU (2014904292) 2014-10-27

[21] **2,966,050**
[13] A1
[51] **Int.Cl. F24F 3/14 (2006.01) F24F 6/02 (2006.01) F28C 3/02 (2006.01) F28D 20/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF COOLING BY LATENT ENERGY TRANSFER**
[54] **SYSTEME ET PROCEDE DE REFROIDISSEMENT PAR TRANSFERT D'ENERGIE LATENTE**
[72] DAVIES, ROGER PHILIP, AU
[71] INTEX HOLDINGS PTY LTD, AU
[85] 2017-04-27
[86] 2015-10-27 (PCT/AU2015/000642)
[87] (WO2016/065395)
[30] AU (2014904294) 2014-10-27

[21] **2,966,054**
[13] A1
[51] **Int.Cl. A61N 1/05 (2006.01) A61F 2/14 (2006.01)**
[25] EN
[54] **A METHOD OF FORMING AN ENCLOSURE**
[54] **PROCEDE DE FORMATION D'ENCEINTE**
[72] PRAWER, STEVEN, AU
[72] GANESAN, KUMARAVELU, AU
[72] GARRETT, DAVID, AU
[72] APOLLO, NICHOLAS, AU
[72] STACEY, ALASTAIR, AU
[72] ESCUDIE, MATHILDE, AU
[72] MEFFIN, HAMISH, AU
[72] LICHTER, SAMANTHA, AU
[71] THE UNIVERSITY OF MELBOURNE, AU
[71] NATIONAL ICT AUSTRALIA LIMITED, AT
[85] 2017-04-27
[86] 2015-10-28 (PCT/AU2015/000646)
[87] (WO2016/065399)
[30] AU (2014904311) 2014-10-28

[21] **2,966,057**
[13] A1
[51] **Int.Cl. A61B 5/0215 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR OPTIMIZING THE MEASUREMENT ACCURACY IN VIVO WHEN MEASURING INVASIVE BLOOD PRESSURE USING FLUID-FILLED CATHETER-MANOMETER SYSTEM**
[54] **METHODE ET DISPOSITIF D'OPTIMISATION DE LA PRECISION DES MESURES IN VIVO LORS DE MESURES INVASIVES DE LA PRESSION ARTERIELLE EN UTILISANT UN SYSTEME MANOMETRE-CATHETER A COLONNE LIQUIDIENNE**
[72] BILLIET ERIK, BE
[71] INNOVATIVE BUSINESS AND MEDICAL SOLUTIONS, BE
[85] 2017-04-27
[86] 2015-10-27 (PCT/BE2015/000060)
[87] (WO2016/065434)
[30] BE (BE2014/0751) 2014-10-28

[21] **2,966,060**
[13] A1
[51] **Int.Cl. A61K 36/9066 (2006.01) A61K 31/12 (2006.01) A61K 36/28 (2006.01) A61P 1/02 (2006.01) A61P 1/04 (2006.01)**
[25] EN
[54] **SOLUBLE, STABLE, ANTI-INFLAMMATORY, PROLIFERATIVE, PROTECTIVE AND MUCOADHESIVE PHARMACEUTICAL COMPOSITIONS; USE THEREOF FOR TREATING MUCOSITIS CONDITIONS AND METHOD FOR PRODUCINGSAME; BASE PHARMACEUTICAL COMPOSITION FOR PREPARING THE PHARMACEUTICAL COMPOSITIONS AND METHOD FOR PRODUCING SAME**
[54] **COMPOSITIONS PHARMACEUTIQUES ANTI-INFLAMMATOIRES, PROLIFERATIVES, PROTECTRICES ET MUCOADHESIVES, SOLUBLES ET STABLES, LEUR UTILISATION DANS LE TRAITEMENT DES TABLEAUX DE MUCOSITEET LEUR PROCEDE D'OBTENTION, COMPOSITION PHARMACEUTIQUE DE BASE POUR LA PREPARATION DE CES COMPOSITIONS PHARMACEUTIQUES ET LEUR PROCEDE D'OBTENTION**
[72] BOZINIS, MARIZE CAMPOS VALADARES, BR
[72] LIMA, ELIANA MARTINS, BR
[72] BATISTA, ALINE CARVALHO, BR
[72] MARRETO, RICARDO NEVES, BR
[72] DE MENDONCA, ELISMAURO FRANCISCO, BR
[71] FBM INDUSTRIA FARMACEUTICA LTDA., BR
[71] UNIVERSIDADE FEDERAL DE GOIAS - UFG, BR
[85] 2017-04-27
[86] 2014-10-27 (PCT/BR2014/050002)
[87] (WO2016/065442)

[21] **2,966,098**
[13] A1
[51] **Int.Cl. F02B 1/02 (2006.01) F02B 1/04 (2006.01) F02B 1/10 (2006.01) F02B 75/02 (2006.01) F02D 13/02 (2006.01)**
[25] EN
[54] **FOUR-CYCLE INTERNAL COMBUSTION ENGINE WITH CURTAILED INTAKE PROCESS**
[54] **MOTEUR A COMBUSTION INTERNE A QUATRE TEMPS A PROCESSUS D'ADMISSION ECOURTEE**
[72] KRISTANI, FILIP, US
[71] KRISTANI, FILIP, US
[85] 2017-04-27
[86] 2015-10-20 (PCT/IB2015/058084)
[87] (WO2016/067158)
[30] US (14/530,704) 2014-11-01
[30] US (14/788,905) 2015-07-01

[21] **2,966,100**
[13] A1
[51] **Int.Cl. A01H 5/00 (2006.01) C12N 15/29 (2006.01)**
[25] EN
[54] **METHODS FOR MONOCOT PLANT IMPROVEMENT**
[54] **PROCEDES D'AMELIORATION D'UNE PLANTE MONOCOTYLEDONE**
[72] ROBERTS, NICHOLAS JOHN, NZ
[72] RICHARDSON, KIM ARCHER, NZ
[72] WHITE, DEREK WILLIAM RICHARD, NZ
[71] AGRESEARCH LIMITED, NZ
[85] 2017-04-27
[86] 2015-11-03 (PCT/IB2015/058477)
[87] (WO2016/071829)
[30] NZ (701641) 2014-11-04

[21] **2,966,102**
[13] A1
[51] **Int.Cl. A01H 5/06 (2006.01) C12N 15/29 (2006.01)**
[25] EN
[54] **METHODS FOR PLANT IMPROVEMENT**
[54] **PROCEDE D'AMELIORATION DES PLANTES**
[72] ROBERTS, NICHOLAS JOHN, NZ
[72] RICHARDSON, KIM ARCHER, NZ
[72] WHITE, DEREK WILLIAM RICHARD, NZ
[71] AGRESEARCH LIMITED, NZ
[85] 2017-04-27
[86] 2015-11-03 (PCT/IB2015/058479)
[87] (WO2016/071830)
[30] NZ (701643) 2014-11-04

[21] **2,966,105**
[13] A1
[51] **Int.Cl. A01G 1/06 (2006.01)**
[25] EN
[54] **METHODS FOR PROVIDING HEIGHT ENHANCED GRAFTED PLANTS AND PRODUCTS THEREOF**
[54] **PROCEDES D'OBTENTION DE PLANTS GREFFES A HAUTEUR AMELIOREE ET PRODUITS ASSOCIES**
[72] DAGAN, AMIT, IL
[72] SHADMI, MENACHEM, IL
[72] PERRI, ALON, IL
[71] HISHTIL LTD, IL
[85] 2017-04-27
[86] 2015-10-28 (PCT/IL2015/051056)
[87] (WO2016/067291)
[30] US (62/069,866) 2014-10-29

---

[21] **2,966,107**
[13] A1
[51] **Int.Cl. H01M 8/04 (2016.01)**
[25] EN
[54] **FUEL CELL SYSTEM AND CONTROL METHOD THEREOF**
[54] **SYSTEME DE PILE A COMBUSTIBLE ET SON PROCEDE DE COMMANDE**
[72] ASAI, YOSHITOMO, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2017-04-27
[86] 2015-09-17 (PCT/JP2015/076563)
[87] (WO2016/067789)
[30] JP (2014-219717) 2014-10-28

---

[21] **2,966,112**
[13] A1
[51] **Int.Cl. H02M 3/155 (2006.01) H02M 7/48 (2007.01)**
[25] EN
[54] **POWER CONVERTER**
[54] **CONVERTISSEUR DE PUISSANCE**
[72] IMAI, TAKASHI, JP
[72] HASEGAWA, HIROAKI, JP
[72] KAKIZAKI, NOBUO, JP
[72] HIRAOKA, KAZUTAKA, JP
[72] TAKAHASHI, SHINJI, JP
[71] IKS CO., LTD., JP
[71] JGC CORPORATION, JP
[85] 2017-04-27
[86] 2015-10-26 (PCT/JP2015/080631)
[87] (WO2016/068265)
[30] JP (2014-220147) 2014-10-29

---

[21] **2,966,114**
[13] A1
[51] **Int.Cl. H02J 7/02 (2016.01) H02J 50/10 (2016.01) H02J 50/60 (2016.01)**
[25] EN
[54] **INDUCTIVE POWER TRANSMITTER**
[54] **EMETTEUR DE PUISSANCE INDUCTIVE**
[72] MARSON, PAUL DAVID, NZ
[72] HARPHAM, LEWIS FREETH, NZ
[72] HARRIS, ZACHARY STRACHAN, NZ
[71] POWERBYPROXI LIMITED, NZ
[85] 2017-04-27
[86] 2015-11-11 (PCT/NZ2015/050188)
[87] (WO2016/076733)
[30] US (62/078,103) 2014-11-11
[30] US (62/094,341) 2014-12-19
[30] US (62/099,750) 2015-01-05
[30] US (62/251,643) 2015-11-05

# Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

# Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

---

[21] **2,864,540**
[13] A1
[51] **Int.Cl. B25F 1/00 (2006.01) E04H 17/26 (2006.01)**
[25] EN
[54] **A COMBINATION TOOL WITH EXTRACTION MEANS AND NEW FEATURES FOR FIXING RAILS, TIMBER AND OTHER CONSTRUCTION MATERIALS**
[54] **UN OUTIL COMBINE DOTE DE MECANISMES D'EXTRACTION ET DE NOUVELLES FONCTIONNALITES SERVANT A FIXER DES RAILS, DES BILLOTS ET D'AUTRES MATERIAUX DE CONSTRUCTION**
[72] PERRY, RICHARD, GB
[71] PERRY, RICHARD, GB
[22] 2014-09-18
[41] 2015-03-19
[30] GB (GB1316622.8) 2013-09-19

---

[21] **2,899,670**
[13] A1
[51] **Int.Cl. A47K 7/02 (2006.01)**
[25] EN
[54] **THE ULTIMATE BACK-BODY WASHING DEVICE**
[54] **LE DISPOSITIF ULTIME DE LAVAGE DU DOS**
[72] RACA, SORIN NICOLAE, CA
[71] RACA, SORIN NICOLAE, CA
[22] 2015-08-07
[41] 2017-02-07

---

[21] **2,902,137**
[13] A1
[51] **Int.Cl. A01K 13/00 (2006.01) A01K 29/00 (2006.01)**
[25] EN
[54] **ANIMAL APRON**
[54] **TABLIER POUR ANIMAL**
[72] THOMAS, ELIZABETH, CA
[71] THOMAS, ELIZABETH, CA
[22] 2015-08-27
[41] 2017-02-27

---

[21] **2,914,247**
[13] A1
[51] **Int.Cl. G01M 9/04 (2006.01) B64F 5/60 (2017.01) B65G 5/00 (2006.01) G01M 15/14 (2006.01)**
[25] EN
[54] **PROCESS FOR TESTING A COMPRESSOR OR A COMBUSTOR OF A GAS TURBINE ENGINE USING A LARGE COMPRESSED AIR STORAGE RESERVOIR**
[54] **PROCEDE D'ESSAI D'UN COMPRESSEUR OU D'UNE CHAMBRE DE COMBUSTION D'UN MOTEUR DE TURBINE A GAZ AU MOYEN D'UN GRAND RESERVOIR DE STOCKAGE D'AIR COMPRIME**
[72] BROSTMEYER, JOSEPH D., US
[72] MEMMEN, ROBERT L., US
[71] FLORIDA TURBINE TECHNOLOGIES, INC., US
[22] 2015-12-09
[41] 2017-05-06
[30] US (14/934,219) 2015-11-06

---

[21] **2,944,055**
[13] A1
[51] **Int.Cl. B65B 25/00 (2006.01)**
[25] EN
[54] **CLOSURE SYSTEM AND CONTAINER HAVING A CLOSURE SYSTEM**
[54] **MECANISME DE FERMETURE ET CONTENANT COMPORTANT LE MECANISME DE FERMETURE**
[72] GEIGER, ANDREAS, CH
[71] HOFFMANN NEOPAC AG, CH
[22] 2016-10-04
[41] 2017-05-06
[30] CH (01614/15) 2015-11-06

---

[21] **2,945,771**
[13] A1
[51] **Int.Cl. C09D 7/12 (2006.01) C08G 18/48 (2006.01) C08G 18/72 (2006.01) C09D 5/02 (2006.01)**
[25] EN
[54] **HEUR THICKENER**
[54] **EPAISSISSEUR HEUR**
[72] MCCULLOCH, BRYAN L., US
[72] RABASCO, JOHN J., US
[72] VAN DYK, ANTONY K., US
[71] ROHM AND HAAS COMPANY, US
[22] 2016-10-19
[41] 2017-05-05
[30] US (62/251,311) 2015-11-05

---

[21] **2,946,176**
[13] A1
[51] **Int.Cl. B29C 45/23 (2006.01)**
[25] EN
[54] **PLASTIC INJECTION MOLD - SVG ACTUATOR - INTERNAL SEAL UPGRADE**
[54] **MOULE D'INJECTION DE PLASTIQUE - ACTIONNEUR SVG - AMELIORATION DU JOINT INTERNE**
[72] ECKERICH, RANDALL HUGH, CA
[72] MOORE, STEVE ROBERT, CA
[72] CREMASCO, ENZO, CA
[71] MAGNA INTERNATIONAL INC., CA
[22] 2016-10-21
[41] 2017-04-23
[30] US (62/245,496) 2015-10-23

[21] **2,947,345**
[13] A1
[51] **Int.Cl. B01D 35/02 (2006.01) B01D 46/00 (2006.01) B08B 15/00 (2006.01)**
[25] EN
[54] **LABORATORY WORK CABINET WITH FILTER MOUNTING MECHANISM**
[54] **ARMOIRE DE TRAVAIL DE LABORATOIRE DOTEE D'UN MECANISME D'INSTALLATION DE FILTRE**
[72] RINDOKS, KURT P., US
[72] MILLER, JEREMY, US
[71] KEWAUNEE SCIENTIFIC CORPORATION, US
[22] 2016-11-03
[41] 2017-05-03
[30] US (14/931,233) 2015-11-03

---

[21] **2,956,329**
[13] A1
[51] **Int.Cl. G07F 7/08 (2006.01) G07F 9/02 (2006.01) G06Q 20/38 (2012.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR MONITORING SECURITY OF A POINT-OF-SALE TERMINAL**
[54] **APPAREIL ET METHODE DE SURVEILLANCE DE LA SECURITE D'UN TERMINAL DE POINT DE VENTE**
[72] HAYHOW, ROBERT, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2009-09-30
[41] 2011-03-30
[62] 2,681,226

---

[21] **2,959,679**
[13] A1
[51] **Int.Cl. B60P 7/06 (2006.01) B62J 99/00 (2009.01)**
[25] EN
[54] **MOTORCYCLE TIE-DOWN APPARATUS**
[54] **APPAREIL DE FIXATION DE MOTOCYCLETTE**
[72] MCCALL, TRAVIS M., US
[72] WORKS, JOSEPH W., US
[72] RIETCHECK, CODY, US
[71] B & W CUSTOM TRUCK BEDS, INC., US
[22] 2017-02-28
[41] 2017-05-04
[30] US (15/057,893) 2016-03-01

---

[21] **2,961,065**
[13] A1
[51] **Int.Cl. F23M 5/08 (2006.01) F27D 1/12 (2006.01) F28D 1/06 (2006.01) F28F 1/02 (2006.01)**
[25] EN
[54] **USER SELECTABLE HEAT EXCHANGE APPARATUS AND METHOD OF USE**
[54] **ECHANGEUR DE CHALEUR MODULABLE PAR L'UTILISATEUR ET SON PROCEDE D'UTILISATION**
[72] MANASEK, RICHARD J., US
[71] AMERIFAB, INC., US
[22] 2007-05-01
[41] 2007-11-15
[62] 2,650,957
[30] US (60/746,145) 2006-05-01
[30] US (11/741,769) 2007-04-30

---

[21] **2,962,479**
[13] A1
[51] **Int.Cl. C09J 7/02 (2006.01) C09J 9/00 (2006.01)**
[25] EN
[54] **SYSTEMS, METHODS AND MATERIALS FOR DELIVERY AND DEBONDING ON DEMAND**
[54] **SYSTEMES, PROCEDES ET MATERIAUX POUR DELIVRANCE ET DECOLLEMENT A LA DEMANDE**
[72] IYER, PRADEEP, US
[72] ROZENBAOUM, EUGENE, US
[72] EDWARDS, DAVID N., US
[72] MALLYA, PRAKASH, US
[72] LY, TIEN, US
[71] AVERY DENNISON CORPORATION, US
[22] 2010-04-27
[41] 2010-11-11
[62] 2,760,294
[30] US (61/172,956) 2009-04-27
[30] US (61/223,557) 2009-07-07

---

[21] **2,962,665**
[13] A1
[51] **Int.Cl. B32B 37/12 (2006.01) B32B 37/14 (2006.01)**
[25] EN
[54] **POLYMER NETWORK WITH TRIPLE-SHAPE-MEMORY EFFECT AND ASSOCIATED PROGRAMMING METHOD**
[54] **RETICULAT POLYMERIQUE A EFFET DE MEMOIRE DE FORME TRIPLE ET PROCEDE DE PROGRAMMATION ASSOCIE**
[72] BEHL, MARC, DE
[72] LENDLEIN, ANDREAS, DE
[72] FENG, YAKAI, DE
[72] ZOTZMANN, JORG, DE
[71] HELMHOLTZ-ZENTRUM GEESTHACHT ZENTRUM FUR MATERIAL- UND KUSTENFORSCHUNG GMBH, DE
[22] 2009-10-29
[41] 2010-05-06
[62] 2,741,938
[30] DE (10 2008 055 870.2) 2008-10-31

---

[21] **2,962,683**
[13] A1
[51] **Int.Cl. C08F 22/06 (2006.01) B01D 21/01 (2006.01) C01F 7/46 (2006.01) C02F 1/56 (2006.01) C08B 11/08 (2006.01) C08F 8/00 (2006.01) C08F 16/18 (2006.01) C22B 3/22 (2006.01) C22B 21/00 (2006.01)**
[25] EN
[54] **USE OF SILICON-CONTAINING POLYMERS TO IMPROVE RED MUD FLOCCULATION IN THE BAYER PROCESS**
[54] **UTILISATION DE POLYMERES CONTENANT DU SILICIUM POUR AMELIORER LA FLOCULATION DES BOUES ROUGES DANS LE PROCEDE BAYER**
[72] DAI, QI, US
[72] SPITZER, DONALD PAUL, US
[72] HEITNER, HOWARD I, US
[72] CHEN, H-L TONY, US
[71] CYTEC TECHNOLOGY CORP., US
[22] 2008-03-20
[41] 2008-10-30
[62] 2,893,223
[30] US (60/912,981) 2007-04-20

[21] **2,964,564**
[13] A1
[51] **Int.Cl. A61M 31/00 (2006.01) A61K 9/00 (2006.01) A61M 37/00 (2006.01) B81B 1/00 (2006.01) C12M 1/00 (2006.01) C12M 1/26 (2006.01) C12Q 1/02 (2006.01) C40B 30/06 (2006.01)**
[25] EN
[54] **DEVICE FOR DRUG EVALUATION AND LOCAL TREATMENT**
[54] **DISPOSITIF D'EVALUATION DE MEDICAMENT ET DE TRAITEMENT LOCAL**
[72] TEPPER, ROBERT I., US
[72] HIRSCH, RUSSELL, US
[72] FULLER, JASON E., US
[72] DUDA, JESSICA L., US
[72] MUIR, CRAIG, US
[72] ROSS, JEFFREY S., US
[72] FLAHERTY, CHRISTOPHER J., US
[71] NINEPOINT MEDICAL, INC., US
[22] 2009-08-20
[41] 2010-02-25
[62] 2,734,778
[30] US (61/090,836) 2008-08-21

---

[21] **2,964,950**
[13] A1
[51] **Int.Cl. B65G 23/44 (2006.01) B65G 15/64 (2006.01)**
[25] EN
[54] **TAKE-UP DEVICE**
[54] **DISPOSITIF COMPENSATEUR**
[72] SLAVOV, SVETOSLAV, US
[72] SVIRSKY, VLADIMIR, US
[72] LURIE, MARTIN S., US
[71] THYSSENKRUPP INDUSTRIAL SOLUTIONS (USA), INC., US
[71] SLAVOV, SVETOSLAV, US
[71] SVIRSKY, VLADIMIR, US
[71] LURIE, MARTIN S., US
[22] 2013-08-16
[41] 2014-02-20
[62] 2,882,137
[30] US (61/684,042) 2012-08-16

---

[21] **2,964,978**
[13] A1
[51] **Int.Cl. B65F 1/14 (2006.01) A01K 1/01 (2006.01) B65B 67/12 (2006.01) B65F 1/06 (2006.01)**
[25] EN
[54] **FILM-DISPENSING CASSETTE AND RIMMED BAG FOR WASTE-DISPOSAL UNIT**
[54] **CASSETTE DISTRIBUTRICE DE FILMS ET SAC ENCADRE POUR RECIPIENT A ORDURES**
[72] MORAND, MICHEL, CA
[71] ANGELCARE DEVELOPMENT INC., CA
[22] 2011-01-07
[41] 2016-07-27
[62] 2,930,991
[30] US (61/412,614) 2010-11-11
[30] US (61/392,603) 2010-10-13

---

[21] **2,964,983**
[13] A1
[51] **Int.Cl. E03F 5/14 (2006.01)**
[25] EN
[54] **A SEPARATOR MODULE FOR A STORMWATER GULLY CHAMBER**
[54] **MODULE SEPARATEUR POUR CHAMBRE D'AVALOIR D'EAUX PLUVIALES**
[72] ANASTASIO, ANDREW SCOTT, US
[72] KOLANKO, ANTHONY TADEK LESLIE, GB
[72] MCKEE, KEVIN JOHN, US
[72] KANE, ANDREW STEVEN, GB
[72] SCOTT, DAVID ANDREW, US
[71] HYDRO INTERNATIONAL PLC, GB
[22] 2014-07-25
[41] 2015-02-19
[62] 2,920,358
[30] US (13/967078) 2013-08-14

---

[21] **2,964,991**
[13] A1
[51] **Int.Cl. H04W 4/12 (2009.01)**
[25] EN
[54] **SERVER-SIDE RATE-LIMITING ALGORITHMS FOR PIGGYBACKING SOCIAL UPDATES FOR MOBILE DEVICES**
[54] **ALGORITHMES DE LIMITATION DE DEBIT COTE SERVEUR POUR SUPERPOSER DES MISES A JOUR SOCIALES POUR DES DISPOSITIFS MOBILES**
[72] TOKSVIG, MICHAEL JOHN MCKENZIE, US
[72] PAPAKIPOS, MATTHEW NICHOLAS, US
[71] FACEBOOK, INC., US
[22] 2012-10-15
[41] 2013-05-10
[62] 2,920,651
[30] US (13/290,000) 2011-11-04

---

[21] **2,965,024**
[13] A1
[51] **Int.Cl. G01R 19/00 (2006.01)**
[25] EN
[54] **OPTICAL SENSOR ASSEMBLY AND METHOD FOR MEASURING CURRENT IN AN ELECTRIC POWER DISTRIBUTION SYSTEM**
[54] **ENSEMBLE CAPTEUR OPTIQUE ET PROCEDE DE MESURE D'UN COURANT DANS UN SYSTEME DE DISTRIBUTION D'ALIMENTATION ELECTRIQUE**
[72] HARLEV, JOSEPH YOSSI, US
[72] VEAZEY, RHAD, US
[72] KONETSKI, THEODORE, US
[72] JOHNSON, LEONARD, US
[71] OPTISENSE NETWORK, INC., US
[22] 2010-10-27
[41] 2011-05-05
[62] 2,786,187
[30] US (12/607,954) 2009-10-28
[30] US (12/612,894) 2009-11-05

[21] **2,965,031**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) C07K 16/46 (2006.01) C12N 15/13 (2006.01)**
[25] EN
[54] **ANTIBODIES AGAINST PHOSPHORYLATED TYROSINES ON ERYTHROPOIETIN RECEPTOR (EPOR)**
[54] **ANTICORPS CONTRE LES TYROSINES PHOSPHORYLATES SUR LE RECEPTEUR D'ERYTHROPOIETINE (EPO-R)**
[72] JARSCH, MICHAEL, DE
[72] KUBBIES, MANFRED, DE
[72] MUNDIGL, OLAF, DE
[72] TORRES-NAGEL, NORA, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[22] 2010-01-13
[41] 2010-07-22
[62] 2,748,758
[30] EP (09000499.5) 2009-01-15

[21] **2,965,059**
[13] A1
[51] **Int.Cl. C07D 405/12 (2006.01) C07D 213/82 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF HISTAMINE H3 RECEPTOR MODULATORS**
[54] **PROCEDE DE PREPARATION DE MODULATEURS DES RECEPTEURS D'HISTAMINE H3**
[72] BROGGINI, DIEGO, CH
[72] LELLEK, VIT, CH
[72] LOCHNER, SUSANNE, DE
[72] MANI, NEELAKANDHA S., US
[72] MAURER, ADRIAN, CH
[72] PIPPEL, DANIEL J., US
[72] YOUNG, LANA, US
[71] JANSSEN PHARMACEUTICA NV, BE
[22] 2010-03-17
[41] 2010-09-23
[62] 2,755,335
[30] US (61/161,177) 2009-03-18

[21] **2,965,060**
[13] A1
[51] **Int.Cl. F21V 11/00 (2015.01) F21S 10/02 (2006.01) F21V 17/00 (2006.01) F21V 23/04 (2006.01)**
[25] EN
[54] **DECORATIVE LIGHTING APPARATUS**
[54] **APPAREIL D'ECLAIRAGE DECORATIF**
[72] KHUBANI, AJIT, US
[72] PAN, YUN, US
[71] TELEBRANDS CORP., US
[22] 2016-03-08
[41] 2016-10-06
[62] 2,937,150
[30] US (14/958,657) 2015-12-03
[30] US (14/958,667) 2015-12-03
[30] US (14/976,202) 2015-12-21
[30] US (15/001,942) 2016-01-20

[21] **2,965,073**
[13] A1
[51] **Int.Cl. H04L 27/34 (2006.01) H04L 5/02 (2006.01) H04L 27/36 (2006.01) H04L 27/38 (2006.01) H04L 27/01 (2006.01)**
[25] EN
[54] **OVERLAY MODULATION TECHNIQUE FOR COFDM SIGNALS BASED ON AMPLITUDE OFFSETS**
[54] **TECHNIQUE DE MODULATION DE RECOUVREMENT POUR SIGNAUX COFDM BASEE SUR DES DECALAGES D'AMPLITUDE**
[72] SCARPA, CARL, US
[72] SCHELL, EDWARD, US
[72] STROLLE, CHRISTOPHER, US
[71] SIRIUS XM RADIO INC., US
[22] 2008-08-01
[41] 2009-03-12
[62] 2,695,381
[30] US (60/963,007) 2007-08-01
[30] US (61/072,638) 2008-03-31

[21] **2,965,141**
[13] A1
[51] **Int.Cl. A61B 5/0245 (2006.01) A61B 5/024 (2006.01)**
[25] EN
[54] **ALGORITHM FOR DETECTING A SEIZURE FROM CARDIAC DATA**
[54] **METHODES POUR DETECTER UNE ATTAQUE A PARTIR DE DONNEES CARDIAQUES**
[72] OSORIO, IVAN, US
[72] FREI, MARK G., US
[71] CYBERONICS, INC., US
[22] 2011-04-28
[41] 2011-11-03
[62] 2,797,268
[30] US (12/770,562) 2010-04-29
[30] US (12/771,783) 2010-04-30
[30] US (12/771,727) 2010-04-30

[21] **2,965,226**
[13] A1
[51] **Int.Cl. G02B 6/46 (2006.01) G02B 6/125 (2006.01) G02B 6/255 (2006.01) G02B 6/36 (2006.01)**
[25] EN
[54] **OPTICAL SPLITTER MODULE FOR FIBER OPTIC LOCAL CONVERGENCE POINTS, WITH IMPROVED HOUSING**
[54] **POINTS DE CONVERGENCE LOCAUX DE FIBRES OPTIQUES POUR DE MULTIPLES UNITES D'HABITATION**
[72] FRAZIER, BRENT M., US
[72] JAY, RAYMOND G., US
[72] MCGRANAHAN, DANIEL S., US
[71] CORNING CABLE SYSTEMS LLC, US
[22] 2008-03-10
[41] 2008-09-18
[62] 2,679,996
[30] US (11/716,824) 2007-03-12

[21] **2,965,252**
[13] A1
[51] **Int.Cl. E21B 21/10 (2006.01) E21B 7/06 (2006.01) E21B 7/20 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR DRILLING A WELLBORE USING CASING**
[54] **APPAREIL ET PROCEDES PERMETTANT DE FORER UN PUITS UTILISANT UN CUVELAGE**
[72] GIROUX, RICHARD L., US
[72] GALLOWAY, GREGORY G., US
[72] JACKSON, RAYMOND H., US
[72] NAZZAL, GREGORY R., US
[72] SWARR, JAMES C., US
[72] BRUNNERT, DAVID J., US
[72] BEASLEY, WILLIAM M., US
[72] LIRETTE, BRENT J., US
[72] ODELL, ALBERT C., US
[72] TERRY, JIM, US
[72] MCKAY, DAVID, US
[72] ALKHATIB, SAMIR, US
[72] WARDLEY, MIKE, US
[72] LE, TUONG THANH, US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[22] 2004-02-02
[41] 2004-08-19
[62] 2,808,302
[30] US (60/444,088) 2003-01-31
[30] US (60/452,317) 2003-03-05
[30] US (60/452,202) 2003-03-05
[30] US (60/452,186) 2003-03-05

---

[21] **2,965,298**
[13] A1
[51] **Int.Cl. F27B 15/02 (2006.01)**
[25] EN
[54] **MIXING CALCINER**
[54] **FOUR DE MELANGE/CALCINATION**
[72] SHIMA, HIROKAZU, JP
[72] HIGUCHI, NAOHIRO, JP
[72] TAKAYAMA, YOSHINORI, JP
[72] KOMATSU, TAKUYA, JP
[72] WANG, JUNZHU, JP
[71] MITSUBISHI MATERIALS CORPORATION, JP
[22] 2010-10-12
[41] 2011-05-19
[62] 2,778,275
[30] JP (2009-261122) 2009-11-16
[30] JP (2009-261123) 2009-11-16

---

[21] **2,965,316**
[13] A1
[51] **Int.Cl. A43B 5/00 (2006.01) A63B 21/055 (2006.01) A63B 69/00 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN SPORTS PERFORMANCE ENHANCEMENT SYSTEMS**
[54] **AMELIORATIONS DE SYSTEMES D'AMELIORATION DE PERFORMANCES SPORTIVES**
[72] SCHREIBER, DANIEL, US
[72] CRANKE, CHRISTOPHER T., US
[71] FUNCTIONWEAR, LLC, US
[22] 2013-05-06
[41] 2013-11-07
[62] 2,872,422
[30] US (13/464,853) 2012-05-04
[30] US (61/778,726) 2013-03-13

---

[21] **2,965,398**
[13] A1
[51] **Int.Cl. G06Q 20/10 (2012.01) G06Q 20/32 (2012.01) G06Q 20/36 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD OF LOADING A TRANSACTION CARD AND PROCESSING REPAYMENT ON A MOBILE DEVICE**
[54] **SYSTEME ET PROCEDE DE CHARGEMENT D'UNE CARTE DE TRANSACTION ET DE TRAITEMENT D'UN REMBOURSEMENT SUR UN DISPOSITIF MOBILE**
[72] KUSHEVSKY, MIKHAIL, CA
[72] FAINSHTEIN, MICHAEL, CA
[72] MARTINSONS, VALDIS ANDRIS, CA
[71] XROMB INC., CA
[22] 2013-02-22
[41] 2013-08-29
[62] 2,837,491
[30] US (61/602,421) 2012-02-23
[30] US (13/464,484) 2012-05-04

---

[21] **2,965,635**
[13] A1
[51] **Int.Cl. G01N 15/00 (2006.01) G08B 17/107 (2006.01)**
[25] EN
[54] **PARTICLE DETECTOR, SYSTEM AND METHOD**
[54] **DETECTEUR DE PARTICULES, SYSTEME ET PROCEDE**
[72] KNOX, RON, AU
[72] BOETTGER, KARL, AU
[72] AJAY, KEMAL, AU
[71] XTRALIS TECHNOLOGIES LTD, BS
[22] 2005-11-14
[41] 2006-05-18
[62] 2,883,638
[30] AU (2004906488) 2004-11-12
[30] US (60/626960) 2004-11-12

# Index of Canadian Patents Issued

**May 23, 2017**

# Index des brevets canadiens délivrés

**23 mai 2017**


3 INOVA NETWORKS INC. 2,733,870
3M INNOVATIVE PROPERTIES COMPANY 2,783,560
4361423 CANADA INC. 2,698,086
ABBOTT DIABETES CARE INC. 2,683,721
ABBOTT, MICHAEL D. 2,855,408
ABOUABDELLAH, AHMED 2,751,481
ABSOLUTE SOFTWARE CORPORATION 2,682,879
ABUS AUGUST BREMICKER SOHNE KG 2,824,848
ACCENTURE GLOBAL SERVICES LIMITED 2,710,114
ACCENTUS MEDICAL LIMITED 2,756,651
ADAM, HERVE 2,720,290
ADDEVISTA 2,725,770
ADVANCED BIO-TECHNOLOGIES, INC. 2,765,964
AEBISCHER, CHRISTOPHE 2,815,202
AFL TELECOMMUNICATIONS LLC 2,676,110
AFL TELECOMMUNICATIONS LLC 2,753,983
AHARON, ADI 2,787,477
AHLQUIST, DAVID A. 2,790,416
AHMED, MALLIK 2,766,348
AHN, DEOK JONG 2,879,614
AJAYAN, PULICKEL M. 2,678,158
AL-BURAIK, KHALED ABDULLAH 2,879,909
ALBRECHT, JEREMY J. 2,747,759
ALCON RESEARCH, LTD. 2,758,073
ALDANA, LEONARDO 2,781,325
ALDRICH, JOHN F. 2,726,615
ALHAUG, ESPEN 2,759,316
ALIFRANGIS, LENE HJORTH 2,675,291
ALKHATIB, SAMIR 2,808,302
ALLEGHENY-SINGER RESEARCH INSTITUTE 2,701,187
ALLEN, DAVE R. 2,815,666
ALLEN, WILLIAM E. 2,753,565
ALLISON TRANSMISSION, INC. 2,768,771
ALLISON TRANSMISSION, INC. 2,769,058
ALON, MEITAL 2,787,477
ALTAVINI, SERGIO 2,781,450
AMAZON TECHNOLOGIES, INC. 2,814,207
AMAZON TECHNOLOGIES, INC. 2,816,380
AMAZON TECHNOLOGIES, INC. 2,820,308
AMGEN RESEARCH (MUNICH) GMBH 2,605,402
AMS RESEARCH CORPORATION 2,757,180
ANDERSON, ERIC 2,721,838
ANDREAU, STEPHANE 2,702,373
ANDREWS, HUGH ROBERT 2,684,811
ANOKHIN, DENIS 2,717,375
APLIX 2,726,456
APOGENIX AG 2,520,138
APPLIED MEDICAL RESOURCES CORPORATION 2,747,759
ARAKI, SHIGEKI 2,758,717
ARBITRON, INC. 2,710,836
ARVIND ACCEL LIMITED 2,791,488
ASSOUS, SAID 2,820,919
ASTORGA-WELLS, JUAN 2,590,580
AUDIGIE, JEAN-CHARLES 2,788,063
AVERY DENNISON CORPORATION 2,816,324
AVF GROUP LTD. 2,711,280
AYER, JOHN W. 2,667,915
B. BRAUN MELSUNGEN AG 2,788,603
BABIARZ, JOZEF 2,733,870
BABICH, JOHN W. 2,745,955
BACK, GORAN 2,756,220
BAKER HUGHES INCORPORATED 2,855,328
BAKER, JONATHON P. 2,845,322
BALQUIST, ROSS 2,711,122
BANCHEREAU, JACQUES F. 2,730,742
BANDURSKA, KRYSTYNA 2,662,804
BANJO, DANIEL 2,867,727
BARRON, ANNELISE E. 2,628,107
BARRY, MICHAEL D. 2,819,350
BASF SE 2,712,348
BAUMUELLER ANLAGEN-SYSTEMTECHNIK GMBH & CO. KG 2,698,979
BAYER CONSUMER CARE AG 2,477,916
BAYLOR RESEARCH INSTITUTE 2,730,742
BEASLEY, WILLIAM M. 2,808,302
BEATTIE PASSIVE GROUP PLC 2,898,685
BEATTIE, RONALD PETER 2,898,685
BECK, ALAN D. 2,667,915
BECTON, DICKINSON AND COMPANY 2,752,024
BECTON, DICKINSON AND COMPANY 2,752,028
BECTON, DICKINSON AND COMPANY 2,755,787
BEDFORD INDUSTRIES, INC. 2,781,398
BEHAN, NIALL 2,726,744
BEHRNS, CLARK E. J. 2,771,355
BENOIT, DENNIS RENE 2,816,324
BENOKRAITIS, KRISTIN L. 2,748,488
BENSON-SMITH, JESSICA 2,720,694
BERGER, LUTZ-MICHAEL 2,726,434
BERNHARDT, RANDAL J. 2,815,666
BERTRAND, HELENE 2,849,832
BESSONETTE, PAUL WILLIAM 2,770,679
BEVILACQUA, JOHN G. 2,536,103
BEYMORE, PAUL MICHAEL 2,885,229
BIESHEUVEL, AREND CORNELIS JACOBUS 2,765,371
BILLETER, SALOMON 2,815,202
BIODICS GMBH 2,768,528
BJOERNVAD, MADS ESKELUND 2,715,829
BLACK & DECKER INC. 2,791,572
BLACK & DECKER INC. 2,791,950
BLACK & DECKER INC. 2,887,822
BLACKBERRY LIMITED 2,591,128
BLACKBERRY LIMITED 2,662,804
BLACKBERRY LIMITED 2,770,017
BLACKBERRY LIMITED 2,777,012
BLACKBERRY LIMITED 2,781,325
BLACKBERRY LIMITED 2,814,292
BLACKLOCK, JON 2,819,350
BLAIR, JOSEPH H. 2,825,465
BLAIR, JOSEPH H. 2,881,616
BLOM, NIELS JORGEN 2,736,576
BLUM, ARNON 2,787,477
BOEHRINGER INGELHEIM INTERNATIONAL GMBH 2,733,161
BORCH, KIM 2,715,829
BOTTOMS, JEFF 2,653,992
BOURGEOIS-LUGAND, MARIE FRANCOISE YVONNE 2,702,011
BOYKIN, ROY 2,722,964
BRAND, EPHRAIM 2,762,891
BRANDWINE, ERIC JASON 2,814,207
BRANDWINE, ERIC JASON 2,820,308
BRAUN, VEIT 2,768,528
BRENNER, ALBRECHT 2,876,757
BRIDGEPORT FITTINGS, INC. 2,843,531
BROBERG, NICHOLAS CARL 2,773,811
BROMWICH, ROBERT CHARLES 2,728,414
BROWN, AARON 2,815,666
BROWN, BROCK 2,877,771
BROWN, CHRISTOPHER T. 2,720,694
BROWN, DENNIS 2,684,219
BROWN, STEPHEN H. 2,895,950
BRUCKMAIER, SANDRA 2,605,402
BRUKILACCHIO, THOMAS J. 2,749,511

BRUNNERT, DAVID J. 2,808,302
BRUSH, ROB 2,674,247
BUBBLE TECHNOLOGY INDUSTRIES INC. 2,684,811
BURGESS, JAMES E. 2,701,187
BURKHOLZ, JONATHAN KARL 2,755,787
C.B.H. INVESTMENT LTD. 2,859,972
CAI, YING 2,867,350
CALDERA MEDICAL, INC. 2,747,607
CALLISEN, THOMAS HOENGER 2,715,829
CALRETEX, LLC 2,736,498
CALVARESE, RUSSELL E. 2,870,597
CAMPBELL, PHIL G. 2,701,187
CAMPBELL, WILLIAM TUCKER 2,877,705
CANADIAN BANK NOTE COMPANY, LIMITED 2,743,963
CANADIAN MEMORIAL CHIROPRACTIC COLLEGE 2,901,952
CAPTURE DEVICE AB 2,590,580
CARAZZONE, JIM J. 2,747,426
CARDINAL HEALTH SWITZERLAND 515 GMBH 2,847,643
CARLSSON, ANDERS 2,779,432
CARMELL THERAPEUTICS CORPORATION 2,701,187
CARNEGIE MELLON UNIVERSITY 2,701,187
CARSON, DAVID 2,803,017
CARTER, ENDA F. 2,891,115
CASEY, RONALD J. 2,748,488
CATTANEO, FIORENZO 2,816,380
CAULDWELL, NATHAN S. 2,639,507
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) 2,699,749
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,717,375
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,729,594
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,765,203
CERAMATEC, INC. 2,719,039
CERTAIN, TATE ANDREW 2,814,207
CERTAIN, TATE ANDREW 2,816,380
CERTICOM CORP. 2,811,325
CHALIFOUX, NORBERT JOSEPH SYLVAIN 2,743,963
CHAMLEY, OLIVIER 2,702,373
CHAN, JASON S. 2,937,072
CHAPPEL, ERIC 2,741,195
CHAUHAN, OM 2,686,900
CHEN, DANNY 2,877,092
CHEN, GIVEN JING 2,798,662
CHEN, HUIFEN 2,725,754
CHEN, JINGSONG 2,733,273
CHEN, SHILIN 2,875,021
CHEN, SILVIA S. 2,733,273
CHEREZE, NATHALIE 2,751,481
CHERNYAK, DIMITRI 2,602,299
CHIASMA INC. 2,737,456
CHIASSON, MARK A. 2,667,915
CHO, HYEON CHEOL 2,692,390
CHO, IL SOO 2,692,390
CHOI, IN HWAN 2,692,390
CHOI, JIN KOOK 2,879,614
CISNEROS, JORGE 2,722,964
CLARK, RICHARD 2,745,028
CLIFFORD, EDWARD T.H. 2,684,811
CLOUTIER, GUY 2,732,334
CLOWES, ELIZABETH ANN 2,745,628
CMI ROADBUILDING LIMITED 2,673,476
CNH INDUSTRIAL AMERICA LLC 2,705,967
CNH INDUSTRIAL CANADA, LTD. 2,773,811
COBB, AMANDA 2,730,742
COFFIELD, TIMOTHY P. 2,726,615
COLOPLAST A/S 2,726,744
COLOURMATE INC. 2,872,331
COLT CANADA IP HOLDING PARTNERSHIP 2,701,446
COMBISAFE INTERNATIONAL AB 2,706,896
COMCAST CABLE COMMUNICATIONS, LLC 2,536,103
COMPTON, DAVID WALTER 2,701,446
CONNER, MARK EDWARD 2,740,154
CONTAINER DEVELOPMENT, LTD 2,811,693
COOKE, ADRIAN 2,662,804
COOKE, EVAN 2,789,942
COOPER TECHNOLOGIES COMPANY 2,714,649
CORNING OPTICAL COMMUNICATIONS LLC 2,740,154
CORNU, PHILIPPE 2,725,770
CORNWELL, IAN DAVID 2,616,287
COURCHAINE, WILFRED 2,753,983
CRANK, JUSTIN M. 2,757,180
CRISAN, SILVIU 2,743,963
CRITICAL PHARMACEUTICALS LIMITED 2,730,321
CRUSON, BRIAN 2,771,355
CURMAN, IVAN 2,805,130
CUSH, SARAH 2,722,964
CUZACQ, OLIVIER 2,710,114
D'AMATO, MICHAEL 2,822,678
DABROSKA, MONIKA 2,736,498
DAHANAYAKE, MANILAL S. 2,720,290
DAHL, MARK A. 2,775,211
DARABI, ALI 2,822,678
DARBY, PAUL M. 2,868,618
DAVIS, BRYAN G. 2,752,028
DAVIS, STEPHEN MARK 2,895,950
DAVIS, TRISTAN 2,743,124
DAVIS, WILLIAM H. 2,873,728
DE FRANCE, ROBERT V. 2,671,582
DE GROOT, ANNE 2,915,168
DE RENZO, DENNIS P. 2,907,138
DE RUIJTER, COR 2,924,285
DE RUIJTER, COR 2,928,689
DEANESI, ALBERTO 2,870,851
DEBEL, SIMON 2,880,455
DEBIOPHARM INTERNATIONAL SA 2,713,416
DEBIOTECH S.A. 2,741,195
DECESARE, CHRISTOPHER W. 2,843,531
DEFRESLON, CHRISTOPHE 2,742,499
DEFRESLON, CHRISTOPHE 2,742,501
DELL'OCA, ALBERTO A. FERNANDEZ 2,937,072
DENNIS, GEOFFREY G. 2,868,618
DEPUY MITEK, LLC 2,639,507
DEPUY SYNTHES PRODUCTS, INC. 2,751,431
DEPUY SYNTHES PRODUCTS, INC. 2,937,072
DER, SHERMAN 2,743,124
DESENTUM OY 2,728,060
DEUTSCHES KREBSFORCHUNGSZENTRUM STIFTUNG DES OEFFENTLICHEN RECHTS 2,520,138
DEWEESE, JASON 2,859,366
DHARWADA, PALLAVI 2,729,392
DHINOJWALA, ALI 2,678,158
DIATSCHUK, MARCO 2,813,898
DICKENS, THOMAS A. 2,747,426
DICKINSON, ANDREW B. 2,820,308
DIFRANCESCO, FRANCIS J. 2,745,028
DILLIN, WILLIAM H. 2,721,962
DIMATTEO, KRISTIAN 2,639,507
DOLAN, ROBERT A. 2,680,809
DOLLS, THOMAS 2,842,817
DOREY, SAMUEL 2,717,375
DOW GLOBAL TECHNOLOGIES LLC 2,798,662
DOWNES, MICHAEL 2,703,994
DUCATELLE, RICHARD 2,750,070
DUFRESNE DE VIREL, FRANCOIS 2,605,637
DUNAR, DANIEL D. 2,877,995
DUQUE, ROSA M. 2,822,678
DUTAILIER INC. 2,707,328
DUTCH BLACKSMITH SHOP LTD. 2,771,355
DWS S.R.L. 2,878,783
DWYER, CLIFFORD J. 2,847,643
DYKE, HAZEL JOAN 2,725,754
E.I. DU PONT DE NEMOURS AND COMPANY 2,744,716
EADS DEUTSCHLAND GMBH 2,767,193
EBAY INC. 2,858,870
ECOLE PRATIQUE DES HAUTES ETUDES 2,729,594
EECKHAUT, VENESSA 2,750,070
EGEBERG, RASMUS GOTTSCHALCK 2,736,576
EICHINGER, MARKUS 2,737,897
EISINGER, RALF 2,737,897
EL KOCHAIRI, ILHEM 2,702,011

ELIAS, BRIAN K. 2,686,900
ELKE, ANTHONY MICHAEL 2,877,701
ELKINGTON, PETER ADRIAN SPENCER 2,820,919
ELLWOOD, CHARLES 2,725,754
ELRICK, ANDREW J. 2,819,350
ENCORE HEALTH, LLC 2,742,973
ENDOEVOLUTION, LLC 2,745,028
ENERGY CONTROL LIMITED 2,898,532
EPIVAX, INC. 2,915,168
ERICSSON, JAN 2,763,922
EUN, SUNG YONG 2,898,050
EUTENEUER, CHARLES L. 2,763,919
EUTENEUER, CHARLES L. 2,763,937
EVANS, KENNETH M. 2,725,423
EVANS, RONALD M. 2,703,994
EXICHOL SA 2,702,011
EXPRO NORTH SEA LIMITED 2,728,414
EXXONMOBIL CHEMICALS PATENTS INC. 2,895,950
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 2,770,679
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,747,426
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,764,846
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,819,350
FACINA, MARIUS EMANUEL 2,684,811
FAN, JIANG 2,753,862
FANCHER, ROBERT 2,864,339
FAUCHER, SANTIAGO 2,822,678
FAUCHER, THOMAS R. 2,667,915
FAYOL, AUDE 2,751,481
FEEHAN, DIANE M. 2,763,919
FEEHAN, DIANE M. 2,763,937
FELDER, MARTIN 2,751,431
FENNELL, MARTIN J. 2,683,721
FILYUKOV, RUSLAN V. 2,855,328
FIREANGEL LIMITED 2,645,534
FITZPATRICK, JAMES J. 2,891,115
FLAMAND, JOHN HENRI 2,765,371
FLAMAR, ANNE-LAURE 2,730,742
FLYNN, GARY A. 2,690,913
FOLEY, ADAM J. 2,891,115
FONTAINE, ERIC 2,707,328
FORDYCE, VICTOR 2,649,203
FORMAN-HOUSE, RITA 2,907,138
FORSTER, FRANK 2,842,817
FORT WAYNE METALS RESEARCH PRODUCTS CORPORATION 2,691,323
FOSHEE, DAVID L. 2,748,488
FRANK, GEORG 2,848,480
FRANZEN, STEVEN E. 2,775,211
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,726,434
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,813,898
FREDLAKE, CHRISTOPHER P. 2,628,107
FRICTIONLESS WORLD LLC 2,867,727
FRIESEN, JACOB 2,674,247
FRIESEN, JOHN 2,674,247
FRIESLAND BRANDS B.V. 2,691,927
FRION, DUANE 2,763,919
FRION, DUANE 2,763,937
FRONTIER WIND, LLC 2,845,322
FUJIFILM CORPORATION 2,927,079
FUJIOKA, TAKASHI 2,889,501
FUKUDA, YOSHIHIKO 2,884,191
FUNATSU, JUNYA 2,909,512
FUNDYTUS, MARIAN E. 2,731,939
FYFE, GEORGE 2,760,830
GADBERRY, DONALD L. 2,747,759
GAFFORD, ALEX 2,766,348
GALLAGHER, VIJAYA 2,590,266
GALLOWAY, GREGORY G. 2,808,302
GANCIA, EMANUELA 2,725,754
GANE, PATRICK A.C. 2,748,915
GANE, PATRICK A.C. 2,867,000
GANESARAMAN, ARUN 2,791,488
GANTENBEIN, DANIEL 2,867,000
GARCIA-ECHEVERRIA, CARLOS 2,742,743
GARMIN SWITZERLAND GMBH 2,641,186
GARNER, MARGARET 2,742,973
GARNER, WILLIAM 2,742,973
GARNETT, JAMES DAVID 2,744,774
GARTHE, BERNHARD 2,824,848
GAS TECHNOLOGY INSTITUTE 2,838,527
GATLIN, ROBERT WAYNE 2,788,564
GAZZARD, LEWIS J. 2,725,754
GEIGER, RALF 2,813,898
GEN-PROBE INCORPORATED 2,868,618
GENENTECH, INC. 2,725,754
GERSHUN, ALEKSEI 2,743,095
GIJTENBEEK, ADOLPH BARTHOLOMEUS 2,768,332
GILLESPIE, ALAN 2,844,991
GIRAUD GUILLE, MARIE MADELEINE 2,729,594
GIROUX, RICHARD L. 2,808,302
GISCH, KARINA 2,768,528
GISLASON, EYJOLFUR 2,858,680
GIULIANO, DOMINIC 2,901,952
GLOBAL INDUSTRIES OFFSHORE, L.L.C. 2,788,564
GLOBALSTAR, INC. 2,590,266
GOBEAUX, FREDERIC 2,729,594
GOBRON, STEPHANE 2,747,607
GOEBEL, ALEXANDRA SABINE BAERBEL 2,774,720
GOEHRING, R. RICHARD 2,731,939
GONIA, PATRICK S. 2,869,180
GOODACRE, SIMON CHARLES 2,725,754
GOODNOW, NATHAN 2,859,366
GORENSHTEIN, ROY 2,787,477
GORILOVSKY, DMITRY ALEKSEEVICH 2,812,920
GOSKONDA, VENKAT R. 2,698,749
GOSPODINOVA, NATALIA 2,717,375
GOYAL, RAJESH 2,772,215
GRACE, RYAN T. 2,641,186
GRACE, TED V. 2,641,186
GRAF, RICHARD 2,910,968
GRANZOW, WOLFGANG 2,848,480
GRAUER, PETER 2,747,097
GREEN CROSS HOLDINGS CORPORATION 2,852,019
GREEN, ALAN 2,816,324
GREENE, KYLE 2,689,171
GREENSTICK ENERGY LIMITED 2,869,556
GREENWOOD, CHRIS 2,616,287
GREINER, JACK 2,721,666
GRENIER, DENIS 2,699,749
GREYNOLDS, ROBERT A. 2,891,117
GRIFFIN, JASON TYLER 2,770,017
GRIFFITHS, JERRY R. 2,745,028
GROELSMA, JOHN C. 2,726,615
GUILBAUD, PAUL 2,765,964
GUO, DAVID HONG FEI 2,798,662
GUTTENGEBER, EGON 2,737,897
GUYADER, GAEL 2,729,066
HADJ HENNI, ANIS REDHA 2,732,334
HAEBERLE, DAVID C. 2,819,350
HAESEBROUCK, FREDDY 2,750,070
HAGER, RON 2,877,771
HAGIHARA, MASAHIKO 2,757,291
HALDOR TOPSOE A/S 2,736,576
HALLIBURTON ENERGY SERVICES, INC. 2,875,021
HALLIBURTON ENERGY SERVICES, INC. 2,879,632
HALO SEALING SYSTEMS LIMITED 2,768,655
HAMA, SHIGENORI 2,896,704
HAMILTON, JAMES R. 2,816,380
HANNUKSELA, MISKA 2,695,645
HANSEN, JENS A. 2,736,576
HANSEN, PETER KAMP 2,715,829
HARDING, WESTON F. 2,752,028
HARRINGTON, JONATHAN J. 2,790,416
HART, HOPE 2,653,992
HART, STUART ARTHUR 2,645,534
HATHAWAY, ROYAL D. 2,748,488
HAUSER, HANS 2,616,287
HAYASAKA, KAZUAKI 2,790,389
HAYER, SASCHA 2,766,203
HBI BRANDED APPAREL ENTERPRISES, LLC 2,855,408
HE, DAHUA 2,564,392
HECHT, GIL 2,877,092
HECKER, MICHAEL T. 2,819,350
HEINRICHS, ALBRECHT 2,842,735
HEINZL, PHILIPP 2,910,968
HELD, LOTHAR 2,766,203
HELGESEN, JOHN 2,864,339
HENNEN, JAMES M. 2,753,565

HENRY, JEROME A. 2,891,115
HEPP (NEE HENCKEL), JULIA 2,605,402
HERMAN MILLER, INC. 2,726,615
HERRENKNECHT AG 2,786,640
HERZOG-DENU, URSULA 2,746,749
HI-KALIBRE EQUIPMENT LIMITED 2,923,619
HILLAN, JOHN 2,844,991
HILLIER, SHAWN 2,745,955
HIRSCH, ROGER 2,640,891
HOEGLUND, IISA 2,777,896
HOFMAN, HENK 2,924,285
HOFMAN, HENK 2,928,689
HOFMANN, SANDRA 2,819,558
HOGAN, BRIAN 2,910,775
HOGSET, TORE 2,759,316
HOHMANN, RONALD P., JR. 2,818,235
HOLLISTER INCORPORATED 2,891,115
HOLLISTER INCORPORATED 2,891,117
HOLM, PATRIK 2,777,896
HOLMBACK, JAN 2,779,432
HOLT, JASON K. 2,729,737
HONDA MOTOR CO., LTD. 2,884,191
HONDA MOTOR CO., LTD. 2,909,512
HONEYWELL INTERNATIONAL INC. 2,729,392
HONEYWELL INTERNATIONAL INC. 2,869,180
HONEYWELL INTERNATIONAL INC. 2,877,995
HONEYWELL SAFETY PRODUCTS USA, INC. 2,711,122
HOPKINSON, MICHAEL JAMES 2,722,964
HORIGUCHI, KEIKO 2,805,935
HORIGUCHI, NOBUO 2,805,935
HOWE, JONATHAN 2,639,507
HOWELL, GARETH 2,743,124
HOWLETT, HAROLD A. 2,477,916
HOYSAK, JUDITH KIM 2,829,210
HUANG, LOTUS HUA 2,798,662
HUANG, PENGJUN 2,848,480
HUBBELL INCORPORATED 2,667,915
HUBBELL INCORPORATED 2,671,582
HUDSON, STEVEN MARTIN 2,728,414
HULETT, GARY 2,742,924
HUNZIKER, PHILIPP 2,748,915
HUSLER, BALTHASAR 2,859,972
HUSQVARNA AB 2,864,339
HYDE, PATRICK C. 2,819,350
HYDRA-STOP LLC 2,874,159
HYDROPOINT DATA SYSTEMS, INC 2,544,528
IIMURE, TAKASHI 2,758,717
IKENO, TETSURO 2,884,191
ILLUM, LISBETH 2,730,321
ING, HARRY 2,684,811
INGURAN, LLC 2,725,423
INNOVATIONS IN OPTICS, INC. 2,749,511
INNOVEGA INC. 2,732,161
INOUE, TAKU 2,954,046
INSYS DEVELOPMENT COMPANY, INC. 2,698,749
ISAACSON, S. RAY 2,752,024
ISCAR LTD. 2,877,092
ISHIZAKA, KAZUHIRO 2,884,191
ISMAIL, MUHAMMAD SAMI 2,919,638
IVANOV, DIMITRI 2,717,375
J.R. SIMPLOT COMPANY 2,877,771
JACKSON, RAYMOND H. 2,808,302
JACOBSON, VINCENT C. 2,869,180
JAIN, SACHIN 2,816,380
JAITIN, DIEGO 2,613,737
JAMES, THOMAS H. 2,621,056
JAMISON, DALE EUGENE 2,879,632
JANG, MYEONG HWAN 2,879,614
JANSEN, JOSEPH HARRY 2,889,267
JARDIN HOLDINGS I LLC 2,803,017
JARDINE, NICHOLAS J. 2,748,488
JENSEN, MICHAEL RUGAARD 2,742,743
JEON, SUN MIN 2,820,720
JIANG, XIN 2,721,666
JIANG, XIN 2,721,838
JIANGSU HANSOH PHARMACEUTICAL CO., LTD. 2,774,731
JIANGSU HENGRUI MEDICINE CO., LTD. 2,753,862
JIANGSU HENGRUI MEDICINE CO., LTD. 2,762,917
JILDEROS, DANIEL 2,788,410
JIN, SHENG 2,564,392
JING, CHARLIE 2,747,426
JOETTEN, CHRISTOPH A. 2,848,480
JOHN, JACOB 2,763,922
JOHNSON, CHARLES 2,705,967
JOHNSON, GARY M. 2,747,759
JOHNSON,ROBERT C. 2,477,916
JONES, DAVID MICHAEL 2,697,662
JONES, LEE C. 2,803,017
JONGSMA, TJEERD 2,691,927
JOSHI, ASHOK 2,719,039
JOYAL, JOHN 2,745,955
JUNG, GOAN SU 2,898,050
JUNG, WON KWON 2,879,614
JX NIPPON OIL & ENERGY CORPORATION 2,790,389
JYLHAE, SIRPA 2,728,060
KAHLE, HENRY 2,747,759
KALIE, EYAL 2,613,737
KAMERBEEK, RALF 2,765,371
KAN, CHEUK WAI 2,628,107
KANG, YONG 2,852,019
KARJALAINEN, ARJA 2,777,896
KATTOOKARAN, LINET 2,698,749
KAY, STEVEN 2,870,978
KEIPER, JASON 2,722,964
KELLEY, BRUCE T. 2,764,846
KELLEY, RICHARD W. 2,855,408
KEPLEY, CHRISTOPHER 2,717,495
KER-TRAIN HOLDINGS LTD. 2,724,388
KERR, JOHN HUGH 2,724,388
KEYSTONE RETAINING WALL SYSTEMS LLC 2,889,242
KIELHORN, PETER 2,767,193
KILBURN-PETERSON, CHRIS 2,639,507
KIM, BYOUNG GILL 2,692,390
KIM, HYEON CHEOL 2,898,050
KIM, HYUN MOOK 2,898,050
KIM, JIN WOO 2,692,390
KIM, JONG MOON 2,692,390
KIM, JUN HO 2,898,050
KIM, JUN SIC 2,852,019
KIM, KI-YONG 2,852,019
KIM, MIN HYUNG 2,898,050
KIM, SEUNG MAN 2,692,390
KIMBLE, EDWARD L. 2,764,846
KIMBRELL, EDDIE 2,676,110
KIMBRELL, EDDIE 2,753,983
KIMURA, TATSUJI 2,758,717
KINASEWICH, HAROLD 2,689,171
KING, KEVIN NELSON 2,697,662
KING, STEVEN MORRIS 2,748,205
KINTZ, SAMUEL S. 2,725,754
KNAWA, DAVID P. 2,775,211
KNOETZEL, JUERGEN CARSTEN FRANZ 2,715,829
KNUDSEN, KIM GRON 2,736,576
KNUUTTILA, PIA 2,777,896
KOBAYASHI, KOJI 2,909,512
KOEKOEK, MENNO 2,924,285
KOEKOEK, MENNO 2,928,689
KOELING, HENDRIK CORNELIS 2,765,371
KOJINA, KAORU 2,909,512
KOLEV, HRISTO 2,717,375
KONG, KYOUNG-PIL 2,820,720
KONINKLIJKE DOUWE EGBERTS B.V. 2,765,371
KONINKLIJKE PHILIPS ELECTRONICS N.V. 2,564,392
KONRA, YARCN 2,787,477
KOON, JOSHUA 2,722,964
KOSLOWSKY, VERNON THEODORE 2,684,811
KOTTAYIL, S. GEORGE 2,698,749
KRAUS, MICHAEL 2,819,558
KRESSE, JOHN 2,768,771
KRICKER, JENNIFER ANN 2,424,394
KRISHNAN, SITARAMAN 2,747,659
KROLL, PETER 2,766,976
KROLL, TIMM 2,766,976
KRUG, WILLIAM K. 2,710,836
KRYM, MARVIN 2,733,870
KUEHNER, KONSTANTIN 2,737,897
KUHN S.A. 2,788,063
KUHN, ROLF 2,733,161
KUMAR, ASHUTOSH 2,726,744
KURTZE, STEPHAN 2,733,161
KWAK, KOOK YEON 2,692,390
KWON, TAE RYONG 2,879,614
KYLE, DONALD J. 2,731,939
KYONGSANGBUK-DO AGRICHLTURAL TECHNOLOGY ADMINISTRATION 2,879,614
KYRIAZIS, MARYLENE 2,849,832
LABERGE, JASON 2,729,392
LACKEY, DAVID 2,855,408
LAM, WING YOUNG 2,591,128
LAMBERT, MATTHEW M. 2,864,339

LAMBERT, ROBERT JOHN 2,811,325
LAMBERTSON, MICHAEL C. 2,907,138
LAMORE, EILEEN M. 2,726,615
LANGNER, STEFAN 2,726,434
LARSEN, CHRISTOPHER S. 2,869,180
LARSEN, GLEN C. 2,781,103
LARSON, BRETT 2,692,122
LAUGIER, PASCAL 2,765,203
LAUKKANEN, MARJA-LEENA 2,728,060
LAUVDAL, OLAV 2,763,078
LAVERY, RICHARD J. 2,870,597
LAWSON, JEFFREY 2,789,942
LE, TUONG THANH 2,808,302
LEADBEATER, JOHN MICHAEL 2,752,659
LEE, GUN SUL 2,852,019
LEE, HONG-JU 2,895,972
LEE, HYOUNG GON 2,692,390
LEE, SOON-GI 2,895,972
LEE, YUN-SEOK 2,820,720
LEFAVOUR, JOHN D. 2,667,915
LEICA GEOSYSTEMS AG 2,766,428
LEMARQUAND, GUY 2,729,066
LENK, ROBERT P. 2,717,495
LENNER, GUY 2,923,619
LENNINGS, ERIC 2,864,339
LEWIS, ANDREW LESTER 2,730,321
LEWIS, DAVID RICHARD 2,756,651
LEWIS, MARK D. 2,859,366
LEXISNEXIS GROUP 2,686,900
LG ELECTRONICS INC. 2,692,390
LIANG, JINDONG 2,753,862
LICHOULAS, TED 2,676,110
LIDDLE, CHRISTOPHER 2,703,994
LIFENET HEALTH 2,733,273
LINCOLN, TIMOTHY L. 2,822,678
LINDERS, ENRICO GERARDUS ALBERTUS 2,685,809
LINNEN, JEFFREY M. 2,868,618
LIPIDOR AB 2,779,432
LIRETTE, BRENT J. 2,808,302
LIU, HAIYANG 2,869,180
LIU, HUAWEN 2,762,917
LIU, XIAOFENG 2,721,666
LO, CHI WAH 2,698,086
LOCHEAD, ALISTAIR 2,751,481
LOCKHEED MARTIN CORPORATION 2,673,705
LOCKLIN, DARREN ADAM 2,684,811
LONERGAN, DAVID GREGORY 2,690,913
LONG, CHARLES F. 2,769,058
LONG, NYKOLL 2,653,992
LOREE, DWIGHT N. 2,649,203
LU, GENLIANG 2,745,955
LULKER, FRANK 2,876,757
LUNA INNOVATIONS INCORPORATED 2,717,495
LUNDY, CHARLES E. 2,477,916
LUPPI, ANGE 2,742,499
LUPPI, ANGE 2,742,501
LUSTENBERGER, STEFAN 2,733,161
LUTZKY, MANFRED 2,813,898
LYSSIKATOS, JOSEPH P. 2,725,754
MA, MING-LUN DAVE 2,781,325
MA, SHUQIN 2,762,917
MACDERMID PRINTING SOLUTIONS, LLC 2,825,465
MACDERMID PRINTING SOLUTIONS, LLC 2,881,616
MACDONALD, ROBERT A. 2,889,242
MACFARLAND, DARREN K. 2,717,495
MACGREGOR, ANTHONY 2,872,331
MACKENZIE, JOHN K. 2,692,122
MACLEOD, CALUM 2,725,754
MACLEOD, IAIN M. 2,819,350
MAGES, KENNETH G. 2,698,086
MAGES, KENT H. 2,698,086
MAGNA INTERNATIONAL INC. 2,755,776
MAHE, ANTHONY 2,726,456
MAIER, HANS-OTTO 2,788,603
MALTAS, JEFFREY SCOTT 2,781,398
MAMLUK, RONI 2,737,456
MAN, YING TONG 2,662,804
MANNING, JAMES J. 2,867,350
MANNKIND CORPORATION 2,690,913
MANSTEIN, RALF 2,746,749
MARANGONI, ALEJANDRO GREGORIO 2,763,644
MARESCA, KEVIN P. 2,745,955
MARGOLIS, JEFFREY 2,757,173
MARIAN, MICHAEL 2,544,528
MARICAP OY 2,755,986
MAROM, KAREN 2,737,456
MARS, INCORPORATED 2,763,644
MARSHALL, BRADLEY E. 2,814,207
MART, CHARLES J. 2,764,846
MARTIN, DARYL JOSEPH 2,814,292
MARTIN, JOEL 2,766,428
MARTIN, WILLIAM 2,915,168
MASTERS, RONALD A. 2,815,666
MATITYAHU, AMIR M. 2,721,962
MATSUMOTO, TAKUYA 2,927,079
MATTHEWS, KENNETH HEIDT, III 2,879,632
MAXWELL, GREG L. 2,697,662
MAYDA, EDWARD A. 2,845,322
MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH 2,790,416
MAYS, JEFFREY A. 2,838,527
MCCARTHY, WILLIAM CASEY 2,850,427
MCCARVILLE, REBECCA 2,763,919
MCCARVILLE, REBECCA 2,763,937
MCCLELLAN, ROBERT TRIGG 2,721,962
MCDONEL, CRAIG EDWARD 2,775,211
MCGINLEY, KIMBALL B. 2,747,759
MCKAY, DAVID 2,808,302
MCKINNON, AUSTIN JASON 2,752,024
MCWATERS, DONNA WYNN 2,775,211
MEACHUM, BRIAN 2,877,995
MEAD, HOLLY 2,730,742
MEADE, JOHN C. 2,745,028
MEDGENICS MEDICAL ISRAEL, LTD. 2,664,318
MEDOFF, MARSHALL 2,920,125
MEDOFF, MARSHALL 2,920,126
MEDOFF, MARSHALL 2,920,134
MEDOFF, MARSHALL 2,920,137
MEDOFF, MARSHALL 2,920,141
MEDOFF, MARSHALL 2,920,146
MEDOFF, MARSHALL 2,920,151
MEGHJI, MOEZ 2,653,992
MEGIDDO, ERAN 2,743,124
MEIS, HAROLD 2,698,979
MELTSOV, GENNADIY 2,869,556
MERCER, LEE 2,819,350
MERCK SHARP & DOHME B.V. 2,768,332
MEYER, PETER DAVID 2,870,897
MEYER-PITTROFF, ROLAND 2,747,097
MHWIRTH GMBH 2,842,735
MHWIRTH GMBH 2,842,817
MICHAELS, SHAWNYA 2,684,219
MICHALAK, MAREK 2,736,498
MICROSOFT TECHNOLOGY LICENSING, LLC 2,743,124
MICROSOFT TECHNOLOGY LICENSING, LLC 2,757,173
MICROSOFT TECHNOLOGY LICENSING, LLC 2,781,103
MINONZIO, JEAN-GABRIEL 2,765,203
MITEK HOLDINGS, INC. 2,818,235
MIZUMOTO, SHINSUKE 2,927,079
MOFFETT, TRACY J. 2,819,350
MOLE, CHARLES VINCENT 2,745,628
MOLECULAR INSIGHT PHARMACEUTICALS, INC. 2,745,955
MOLKENTIN, JEFFERY D. 2,713,416
MOLL, DIRK 2,737,897
MONTAGNON, EMMANUEL 2,732,334
MONTE, PAUL A. 2,590,266
MONTES, MONICA 2,730,742
MOOS, MICHAEL 2,768,528
MOOSAVI, VAHID 2,777,012
MORAN, MARTIN T. 2,891,115
MORPHO 2,605,637
MORPHO DETECTION, LLC 2,738,053
MORRISE, MATTHEW C. 2,686,900
MOSER, DANIEL 2,766,428
MOSLER, THEODORE J. 2,748,488
MOSSER, GERVAISE 2,729,594
MTD PRODUCTS INC 2,616,287
MTS SYSTEMS CORPORATION 2,753,565
MUENSTERER, THOMAS 2,767,193
MULLUR, ANOOP A. 2,747,426
MUNIER, PIERRE 2,710,114
MURRAY, MICHAEL G. 2,891,115
MUSIL, JOSEPH E. 2,673,476
NAGAYASU, YOSHIYUKI 2,790,389
NANOASIS TECHNOLOGIES, INC. 2,729,737
NASSIF, NADINE 2,729,594
NAUMANN, TOBIAS 2,726,434
NAYLOR, ANDREW 2,730,321
NAYLOR, MATTHEW STUART 2,773,811
NAZZAL, GREGORY R. 2,808,302
NEFTEL, FREDERIC 2,741,195

NEMET, YARON 2,762,891
NESTEC S.A. 2,752,659
NEW WORLD PHARMACEUTICALS, LLC 2,747,659
NEWMAN, MARK NICHOLAS 2,745,628
NICOLET, JEAN LOUIS MARIE EDOUARD 2,685,809
NIEMI, MERJA 2,728,060
NISSAN CHEMICAL INDUSTRIES, LTD. 2,720,694
NISTICA, INC. 2,734,130
NODA KANAGATA CO., LTD. 2,805,935
NOKIA TECHNOLOGIES OY 2,695,645
NORTHROP, PAUL SCOTT 2,764,846
NORTHWESTERN UNIVERSITY 2,628,107
NOVALIQ GMBH 2,774,720
NOVARTIS AG 2,742,743
NOVO NORDISK A/S 2,675,291
NOVOZYMES A/S 2,715,829
NOWAK, STEFAN 2,807,680
NOYES, DALLAS B. 2,758,694
NZEADIBE, KINGSLEY IHUEZE 2,879,632
O'BANION, MICHAEL 2,907,138
O'FLYNN, PADRAIG M. 2,891,115
O'NEILL, CONOR MICHAEL 2,814,292
OBERTHUR TECHNOLOGIES 2,702,373
ODELL, ALBERT C. 2,808,302
OHASHI, MIWAKO 2,896,704
OKADA, SHUUJI 2,954,046
OKANARI, EIJI 2,757,291
OMYA INTERNATIONAL AG 2,748,915
OMYA INTERNATIONAL AG 2,867,000
ONO, HIDEKI 2,790,389
ORALDENT LIMITED 2,658,468
ORION CORPORATION 2,777,896
ORR, KEVIN H. 2,777,012
OTSUKA AMERICA PHARMACEUTICAL, INC. 2,748,488
OVERALL, CHRISTOPHER 2,731,645
OVERGAARD, RUNE VIIG 2,675,291
PAETZOLD, MATTHIAS 2,788,603
PALLAI, PETER V. 2,690,913
PANOVIC, VLATKO 2,805,130
PAPSDORF, CLIFFORD THEODORE 2,870,749
PARE, ANDRE 2,948,403
PARIKH, NEHA 2,698,749
PARISH, DAN 2,743,124
PARISOT, GILLES DIDIER 2,702,011
PARK, IN-GYU 2,895,972
PARK, JONG SUN 2,692,390
PARK, MARY 2,859,366
PARKER, JUSTIN LLOYD 2,667,915
PARKER, THOMAS W. 2,711,122
PARMER, DONALD G. 2,855,328
PASMANS, FRANK 2,750,070
PASSALAQUA, JAMES J. (DECEASED) 2,891,117
PATHAK, STEPHEN SANJAYA 2,770,679
PATTERSON, JOHN BRUCE 2,690,913
PCS FERGUSON INC. 2,869,013
PEARLMAN, ANDREW L. 2,664,318
PELED, EMANUEL 2,787,477
PENG, YANG 2,564,392
PEREKSTA, JAMES 2,885,229
PERI GMBH 2,781,450
PERRIN, DAVID 2,731,645
PERRY, JANETTE 2,745,628
PERRY, WILLIAM R. 2,755,776
PETERS, MARC 2,786,640
PETERSON, JENNIFER 2,722,964
PETERSON, JENNIFER M. 2,667,915
PETSCH (NEE MITTELSTRASS), SILKE 2,605,402
PIERRON, FREDERIC 2,725,770
PIETSCH, CHRISTIAN 2,848,480
PLECKO, MICHAEL 2,751,431
PLOEGMAKERS, MARINUS JOHANNES GERARDUS MARIA 2,768,332
POENITZSCH, VASILIKI Z. 2,673,705
POLLNER, REINHOLD B. 2,868,618
POOLE, DANIEL 2,739,931
POOLE, ROBERT N. 2,739,931
POOLE, ROBERT, N. 2,739,931
POSCO 2,895,972
POSSELIUS, JOHN 2,705,967
POST VAN LOON, ANGENITA DOROTHEA 2,765,371
PPG INDUSTRIES OHIO, INC. 2,850,427
PPG INDUSTRIES OHIO, INC. 2,859,366
PPG INDUSTRIES OHIO, INC. 2,885,229
PRADERVAND, SYLVAIN 2,702,011
PRATT, ANDY 2,704,511
PRESTONE PRODUCTS CORPORATION 2,743,095
PRICKEL, MARVIN 2,705,967
PROEHL, ANDREAS 2,737,897
PROTEIN DESIGN LAB, LTD. 2,856,351
PRUNCHAK, ROBERT 2,712,348
PULLIAM, DERRICK 2,653,992
PURDUE PHARMA L.P. 2,731,939
QI, YIHONG 2,662,804
QIAN, XUPING 2,742,924
QIU, XIAOQING 2,856,351
QUACKENBUSH, JOHN 2,763,937
QUALCOMM INCORPORATED 2,844,991
QUALCOMM INCORPORATED 2,848,480
QUE, QIUDENG 2,653,992
RAAHEIM, ARNE 2,784,876
RABBY, PATRICK KENNETH 2,923,619
RAIL.ONE GMBH 2,878,198
RAK, ROMAN PETER 2,770,017
RAMBHARACK, JEFF 2,743,124
RAMM-SCHMIDT, LEIF 2,791,488
RAMOT AT TEL-AVIV UNIVERSITY LTD. 2,787,477
RASKU, SIRPA 2,777,896
RATTO, TIMOTHY V. 2,729,737
RAUM, TOBIAS 2,605,402
RAYTHEON COMPANY 2,873,728
REATA PHARMACEUTICALS, INC. 2,721,666
REATA PHARMACEUTICALS, INC. 2,721,838
RECCHIA, DAVID A. 2,825,465
RECCHIA, DAVID A. 2,881,616
REED, DARWIN G. 2,775,211
REELWELL AS 2,759,316
REEVES WIRELINE TECHNOLOGIES LIMITED 2,820,919
REID, STEPHEN 2,819,350
REMERY, JEROEN 2,742,499
REMERY, JEROEN 2,742,501
REMY, MATHIAS 2,729,066
RENAULT S.A.S. 2,729,066
RENOLIT SE 2,766,203
RENSSELAER POLYTECHNIC INSTITUTE 2,678,158
RENZ, BERND 2,781,450
REYNOLDS, JOHNNY D. 2,722,964
RHODIA OPERATIONS 2,720,290
RHODIA OPERATIONS 2,772,215
RICCOBENE, THOMAS S. 2,889,242
RICHARDSON, HENRY E. 2,742,924
RICKARDS, ERICK J. 2,845,322
RIES, BRIAN J. 2,874,159
RIPLEY, IAN 2,658,468
RIVERA, DAN 2,915,168
ROBERTSON, WALTER J. 2,859,366
ROBICHEAU, RICHARD E. 2,667,915
ROISMAN, LAILA C. 2,613,737
ROMAN, RICHARD M., JR. 2,667,915
ROMANOVA, YULIYA 2,717,375
ROSEMOUNT INC. 2,877,701
ROSSMANN, HANS-CHRISTIAN 2,878,198
ROSTAMI, SHAMSEDIN 2,891,115
ROTATION MEDICAL, INC. 2,763,919
ROTATION MEDICAL, INC. 2,763,937
ROTOP PHARMAKA GMBH 2,936,884
ROUVINEN, JUHA 2,728,060
ROWNTREE, DAVID 2,887,822
RUEBUSCH, RICK 2,616,287
RUMPFHUBER, EVA-MARIA 2,747,426
RUNDE, JEFFREY 2,768,771
RUTTER, NICHOLAS ALEXANDER 2,645,534
RYGAS, TADEUSZ PIOTR 2,743,963
SAADI, KOBBY 2,787,477
SAADY, MOURAD 2,751,481
SACKLER, ROBERT 2,878,198
SAINT-GOBAIN ABRASIFS 2,867,350
SAINT-GOBAIN ABRASIVES, INC. 2,867,350
SAKAKIBARA, YUHIRO 2,810,789
SALAMA, PAUL 2,737,456
SALGHETTI, FILIPPO 2,815,202
SALINAS, JAMES J. 2,725,423
SALO, HARRI 2,777,896
SALTZER, REBECCA L. 2,747,426
SAMSUNG ELECTRONICS CO., LTD. 2,898,050
SANDIDGE, DUSTIN LEVI 2,869,013
SANDVIK INTELLECTUAL PROPERTY AB 2,756,220
SANOFI 2,751,481
SAPPORO BREWERIES LIMITED 2,758,717

SAS, BENEDIKT 2,750,070
SAUDI ARABIAN OIL COMPANY 2,879,909
SAVILL, ROBERT F. 2,699,197
SCHAEDLER, AXEL 2,616,287
SCHILLER, EIK 2,936,884
SCHMIT, THOMAS PAUL 2,869,180
SCHMITT, CEDRIC 2,732,334
SCHMOLL, HORST 2,788,603
SCHNEEBERGER, NIKLAUS 2,741,195
SCHNEIDER, UWE 2,870,749
SCHNELL, MARKUS 2,813,898
SCHOENHERR, JULIE 2,755,776
SCHREIBER, GIDEON 2,613,737
SCHREIBER, ROBERT J. 2,775,211
SCHROEDER, JEREMY D. 2,692,122
SEAIR INC. 2,689,171
SEERSTONE LLC 2,758,694
SEIB, DAVID DANIEL 2,773,811
SENSENEY, ERIK G. 2,843,531
SESHADRI, VENKATARAMANAN 2,720,694
SEXTON, FREDERICK A. 2,747,659
SGRAJA, CHRISTIAN 2,848,480
SHAH, BRINDA T. 2,590,266
SHAH, DIPAK M. 2,621,056
SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD. 2,753,862
SHANMUGANANDAMURTHY, KRISHNAMURTHY 2,772,215
SHAWCROSS, JAMES TIMOTHY 2,756,651
SHEMESH, ELI 2,750,202
SHEN, GUANGYUAN 2,753,862
SHIGERI, MITSUHIRO 2,898,050
SHIGETOMI, MANABU 2,757,291
SHIN, YOUNG SUN 2,898,050
SHORT, MARK 2,711,280
SIBAL, PAUL W. 2,764,846
SIEMENS AG OSTERREICH 2,910,968
SIEMENS AKTIENGESELLSCHAFT 2,807,680
SIEMENS INDUSTRY, INC. 2,910,775
SIGRIST, ANDREAS 2,751,431
SILICON FIRE AG 2,747,097
SIMOES, FELIPE OLIVEIRA 2,781,325
SIVASUBRAMANIAN, SWAMINATHAN 2,814,207
SKYBERG, ROLF 2,858,870
SLINKER, KEITH A. 2,673,705
SMITH, JASON 2,701,187
SMITH, KEVIN 2,791,572
SMITH, KEVIN 2,791,950
SMITH, MARTIN BERNARD 2,684,811
SNYDER, MICHAEL ALBERT 2,889,267
SOEDERLUND, HANS 2,728,060
SOHLING, ULRICH 2,819,558
SON, KI HWAN 2,852,019
SONG, WON GYU 2,692,390
SOOSAN INT CO., LTD. 2,820,720
SORENSEN, GARY 2,758,073
SPAULDING, MARK F. 2,699,197
SPRAGUE, RANDALL B. 2,732,161
SQUARE D COMPANY 2,692,122
STACEY, CHRISTIAN W. 2,691,323
STAHR, CARL CHRISTOPH 2,726,434
STANDARD LIFE EMPLOYEE SERVICES LIMITED 2,704,511
STANDBRIDGE, TONY CHARLES LEON 2,923,619
STARMER, DAVID 2,901,952
STAYLOR, JOHN LAWRENCE 2,714,649
STEFANESCU, IRINA STEFANIA 2,684,811
STEP ENERGY SERVICES LTD. 2,649,203
STEPAN COMPANY 2,815,666
STEPPAN, JAMES 2,719,039
STEVENS, JON 2,682,879
STEWART, CHARLES 2,788,564
STICH, CHRISTIAN E. 2,743,124
STODD, R. PETER 2,811,693
STOUT, MARTY L. 2,752,024
STRASSER, THOMAS ANDREW 2,734,130
STRYDOM, CHRISTIAAN PHILLIPUS 2,768,655
STUART, ADAM J. 2,783,560
SU, ERIC CHEN-NAN 2,477,916
SUD-CHEMIE IP GMBH & CO. KG 2,819,558
SUGIURA, KOICHI 2,896,704
SUH, IN-SHIK 2,895,972
SULZER METCO (US) INC. 2,699,197
SUMITOMO METAL MINING CO., LTD. 2,954,046
SUMMERS, GERALDINE RAE 2,775,211
SUN, PIAOYANG 2,753,862
SUNDERLAND, DAVID N. 2,816,380
SUNDHOLM, GOERAN 2,755,986
SUTTON, JONATHAN 2,752,659
SVEDBERG, JOAKIM 2,706,896
SVENDSEN, ALLAN 2,715,829
SVENDSEN, IVAN 2,675,291
SVENSSON, ROZANA 2,675,291
SVERDLOV, DENNIS 2,812,920
SWARR, JAMES C. 2,808,302
SWISS REINSURANCE COMPANY LTD. 2,815,202
SYAGE, JACK A. 2,738,053
SYKES, IAN 2,788,564
SYMBOL TECHNOLOGIES, LLC 2,870,597
SYNGENTA PARTICIPATIONS AG 2,653,992
SYNGENTA PARTICIPATIONS AG 2,685,809
SYNGENTA PARTICIPATIONS AG 2,722,964
SZMODIS, ALAN W. 2,729,737
SZOSTAK, ROBERT A. 2,891,117
SZUCS, STEPHEN S. 2,721,666
SZUL, JOSEPH S., JR. 2,859,366
TA HYDRONICS AB 2,788,410
TAJIMA, TOMOHARU 2,884,191
TAKAHASHI, JUNICHI 2,954,046
TAKKINEN, KRISTIINA 2,728,060
TALINGTING-PABALAN, RUELA 2,720,290
TALMANT, MARYLINE 2,765,203
TANAKA KIKINZOKU KOGYO K.K. 2,810,789
TANG, PENG CHO 2,753,862
TANG, PENG CHO 2,774,731
TANG, TAI KWAN 2,698,086
TAYLOR, CHARLES T. 2,769,058
TAYLOR, SCOTT V. 2,747,759
TECHNIP FRANCE 2,742,499
TECHNIP FRANCE 2,742,501
TECHNOLOGIES HOLDINGS CORP. 2,924,285
TECHNOLOGIES HOLDINGS CORP. 2,928,689
TEED, BRENTON STEWART 2,701,446
TELDURADGEVIN SP/F 2,858,680
TELLEY, SEAN P. 2,691,323
TENCATE GEOSYNTHETICS NORTH AMERICA 2,697,662
TERRY, JIM 2,808,302
TEVA MEDICAL LTD. 2,750,202
TEVA PHARMACEUTICALS INTERNATIONAL GMBH 2,684,219
TEZZA, GABRIELE 2,870,851
THE BOEING COMPANY 2,775,211
THE DIRECTV GROUP, INC. 2,621,056
THE PROCTER & GAMBLE COMPANY 2,870,749
THE PROCTER & GAMBLE COMPANY 2,870,897
THE PROCTER & GAMBLE COMPANY 2,877,705
THE PROCTER & GAMBLE COMPANY 2,889,267
THE SALK INSTITUTE FOR BIOLOGICAL STUDIES 2,703,994
THE SHERWIN-WILLIAMS COMPANY 2,907,138
THE UNIVERSITY OF AKRON 2,678,158
THE UNIVERSITY OF BRITISH COLUMBIA 2,731,645
THOMAS, HOWARD 2,658,468
THURAILINGAM, THIVAHARAN 2,743,963
TINDALL, BRYAN J. 2,855,328
TING, RICHARD 2,731,645
TISSUE THERAPIES LIMITED 2,424,394
TITIEVSKY, LENA 2,815,666
TOERMAEKANGAS, OLLI 2,777,896
TOMA, FILOTHEIA-LAURA 2,726,434
TORAY INDUSTRIES, INC. 2,889,501
TOTAL CONNECT SPINE, LLC 2,721,962
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,896,704
TRAN, STEVE 2,901,952
TRANSCO MANUFACTURING AUSTRALIA PTY LTD 2,760,830
TRAVITSKY, NINA 2,787,477
TRIANO, JOHN J. 2,901,952
TSAMIR, IDO 2,787,477
TSUCHIYA, ATSUKI 2,889,501
TSUSAKA, HARUO 2,884,191

TURNER, ANDREW DEREK 2,756,651
TWILIO, INC. 2,789,942
TZABARI, MOSHE 2,737,456
U-HAUL INTERNATIONAL, INC. 2,680,809
UBE INDUSTRIES, LTD. 2,757,291
UGLAND & LAUVDAL AS 2,763,078
UNILEVER PLC 2,745,628
UNIVERSAL CITY STUDIOS LLC 2,748,205
UNIVERSITE DE HAUTE ALSACE 2,717,375
UNIVERSITE DU MAINE 2,729,066
UNIVERSITE PIERRE ET MARIE CURIE (PARIS 6) 2,729,594
UNIVERSITE PIERRE ET MARIE CURIE 2,765,203
UNIVERSITEIT GENT 2,750,070
UNIVERSITY OF SYDNEY 2,703,994
UPONOR INNOVATION AB 2,763,922
UPTON, ZEE 2,424,394
URIEL SOLAR, INC. 2,744,774
VACHE, JULIEN 2,751,481
VACHON, BERNARD P. 2,667,915
VAL-CHUM, LIMITED PARTNERSHIP 2,732,334
VAN DER PADT, ALBERT 2,691,927
VAN DER SLUIS, PETER WILLEM 2,924,285
VAN DER SLUIS, PETER WILLEM 2,928,689
VAN IMMERSEEL, FILIP 2,750,070
VAN TUIJN, HARRY 2,768,332
VAN WIJK, HENRICUS JOHANNES 2,685,809
VAN, ANH NGOC 2,591,128
VANEK, PATRICK P. 2,748,488
VANPATTEN, JOHN H. 2,873,728
VARCODE LTD. 2,762,891
VENDRA, VENKAT KALYAN 2,747,659
VERMURI, ANAND 2,747,607
VESALAINEN, ANNIINA 2,777,896
VEST, RYAN W. 2,825,465
VEST, RYAN W. 2,881,616
VIESER, EVA 2,605,402
VIK, ARILD 2,784,876
VILKOV, ANDREY N. 2,738,053
VIND, JESPER 2,715,829
VISNICK, MELEAN 2,721,666
VISNICK, MELEAN 2,721,838
VISX, INCORPORATED 2,602,299
VIVET, ROMAIN 2,742,499
VIVET, ROMAIN 2,742,501
VOGEL, SANDRA 2,819,558
VOLONT, CEDRIC JOSEPH 2,877,705
VON ARB, KONRAD 2,766,428
VON EICHEL-STREIBER, CHRISTOPH 2,768,528
VOTRUBA, EDWARD J. 2,680,809
W.C. BRADLEY CO. 2,766,348
WAGENER, JEFFERSON L. 2,734,130
WAGNER, ROLAND 2,889,267
WAGTMANN, PETER ANDREAS NICOLAI REUMERT 2,675,291
WAHLI, WALTER 2,702,011
WALCZAK, HENNING 2,520,138
WALKER, JOHN HOWARD 2,752,659
WANG, FRANK CHENG-YU 2,895,950
WANG, GUOPING 2,705,967
WANG, JIANNA 2,867,350
WANG, NINGJUN 2,686,900
WANG, WEIMIN 2,774,731
WANG, YANG 2,753,862
WARDLEY, MIKE 2,808,302
WARREN, ROGER D. 2,855,408
WATSON, KEITH 2,704,511
WEATHERFORD TECHNOLOGY HOLDINGS, LLC 2,808,302
WEAVER, MARTHA JANE 2,889,267
WEBB, TODD 2,689,171
WEBER, JAMES K. 2,699,197
WEGNER, MATTHIAS 2,767,193
WEI, DANNY 2,816,380
WEINSTEIN, IRINA 2,737,456
WEISS, LEE E. 2,701,187
WENDTE, KEITH 2,705,967
WENNEMER, DIETMAR FRANK 2,781,325
WERNER, MARC W. 2,848,480
WEST, DAVID 2,869,556
WEST, HUGH S. 2,639,507
WHETTON, JAMES 2,820,919
WILLIAMS, GRANT J. 2,877,771
WILLIAMS, KAREN 2,725,754
WILSON, SEAN E. 2,777,012
WILSON, STEPHEN R. 2,717,495
WINSPECT GMBH 2,737,897
WINTER, SVEN 2,737,897
WOBBEN PROPERTIES GMBH 2,876,757
WOHLFAHRT, GERD 2,777,896
WOLF, ANDREAS 2,605,402
WOLFE, PATRICK SHANE 2,815,666
WOLFINBARGER, LLOYD 2,733,273
WOLTHUIS, JOHN 2,789,942
WON, YONG KWON 2,898,050
WOODSTREAM CORPORATION 2,829,210
WOODWARD, GARY 2,720,290
WOUNDY, RICHARD 2,536,103
WOYCIESJES, PETER 2,743,095
WRIGHTMAN, ROBERT A. 2,686,262
WU, DAN 2,772,215
WU, DONALD P.H. 2,898,532
WU, LIN 2,774,731
WU, WEN 2,868,618
WULFF, THOMAS E. 2,870,597
XEROX CORPORATION 2,822,678
XUE, ZHIXIONG 2,744,716
XYLECO, INC. 2,920,125
XYLECO, INC. 2,920,126
XYLECO, INC. 2,920,134
XYLECO, INC. 2,920,137
XYLECO, INC. 2,920,141
XYLECO, INC. 2,920,146
XYLECO, INC. 2,920,151
YAICHE, PHILIPPE 2,751,481
YAN, WILSON XIAO WEI 2,798,662
YANG, BO 2,743,095
YANG, EDWARD S. 2,720,694
YANG, FANGLONG 2,753,862
YAVER, DEBBIE 2,715,829
YEDA RESEARCH AND DEVELOPMENT CO. LTD. 2,613,737
YEH, CHARLES S. 2,819,350
YONEDA, KENJI 2,757,291
YOSHIMOTO, NOBUHIKO 2,909,512
YOTA DEVICES IPR LTD 2,812,920
YUAN, KAIHONG 2,762,917
YUNG, CATHLEEN 2,895,950
ZAPKE, RICHARD A. 2,699,197
ZAVREL, MICHAEL 2,819,558
ZEG POWER AS 2,784,876
ZEL, VLADIMIR 2,787,477
ZEMAN, STEVEN 2,605,402
ZENERE, SERGIO 2,878,783
ZENG, QINGPING 2,690,913
ZENZ-OLSON, NATHANIEL 2,763,919
ZENZ-OLSON, NATHANIEL 2,763,937
ZEPHYROS, INC. 2,742,924
ZHANG, BAOLEI 2,774,731
ZHANG, JAMES 2,710,836
ZHANG, NONG 2,774,731
ZHENG, HAO 2,774,731
ZHOU, ZHIGUO 2,717,495
ZHU, LIN 2,762,917
ZHU, QUINN QUN 2,744,716
ZHU, ZHONGYUAN 2,698,749
ZIMMERMAN, CRAIG 2,745,955
ZOU, HONGZHI 2,790,416
ZURAWSKI, GERARD 2,730,742

# Index of Canadian Applications Open to Public Inspection

**May 7, 2017 to May 13, 2017**

# Index des demandes canadiennes mises à la disponibilité du public

**7 mai 2017 au 13 mai 2017**


3M INNOVATIVE PROPERTIES COMPANY 2,928,138
ABEILLE, ERIC 2,948,413
ABHARI, KAMYAR 2,960,528
ACCENTURE GLOBAL SOLUTIONS LIMITED 2,945,458
ACCENTURE GLOBAL SOLUTIONS LIMITED 2,947,897
ACKERMANN, WILLIAM K. 2,945,265
AGATSUMA CO., LTD. 2,945,348
ALBERTSON, KYLE PATRICK 2,948,063
ALBRECHT, RICHARD WILLIAM, JR. 2,946,603
ALEXANDER, JAMES PELLEGRINO 2,947,363
ALI, MOHAMED AHMED 2,946,567
ALLIED AIR ENTERPRISES LLC 2,947,946
AMI INDUSTRIES, INC. 2,941,279
ANTON OILFIELD SERVICES (GROUP) LTD. 2,911,725
ARCHIBALD, CLAUDE 2,908,280
ASHCRAFT, WALTER M. 2,947,946
ATALLA, ASHRAF SAID 2,947,363
BAGLINI, JAMES, JR. 2,940,483
BALAZS, LASZLO 2,947,808
BAR-TAL, MEIR 2,947,347
BARNES, MARTY C. 2,911,781
BARNES, SHARON ANN I. 2,911,781
BARRERA, CLAUDIO 2,948,583
BEATTIE, CRAIG 2,948,050
BECKER, STEFAN 2,947,902
BELLI, REMO D. 2,923,907
BENNETT, WILLIAM THOMAS 2,947,380
BESHAI, MAGED E. 2,911,622
BESHAI, MAGED E. 2,911,730
BEWLAY, BERNARD PATRICK 2,946,567
BHANOO, MILIND 2,931,911
BIOSENSE WEBSTER (ISRAEL) LTD. 2,947,347
BLOMKER, TOBIAS 2,946,286
BODNARIUC, FLORINEL 2,911,905
BOISNON, JEAN-MICHEL 2,948,413
BONYAK, YEVGENY 2,947,347
BOTH, TAMAS 2,947,808
BOTTLE-TOP DEVELOPMENT CO. 2,912,002
BOUSQUET, EMMANUEL 2,948,075
BOYD, ANDREW 2,948,111
BRADENBURG, FRANK 2,947,684
BRADENBURG, FRANK 2,947,685
BRADLEY, BRUCE 2,948,583
BREINDEL, JAY 2,947,822
BRIDGES, MARK K. 2,911,883
BROOKS, SETH A. 2,947,709
BUECHLER, SCOTT R. 2,945,513
BULLOCK, MARK ADAM 2,948,023
BUNIN, ANATOLIY 2,948,100
BUNKER, RONALD SCOTT 2,946,547
BUNKER, RONALD SCOTT 2,946,560
BUNKER, RONALD SCOTT 2,946,590
BURROUGHS, JAMES S. 2,947,897
CABELA'S INCORPORATED 2,945,517
CAMAROTA, MICHAEL V. 2,912,667
CAO, XUEHONG 2,911,725
CAPSTAN AG SYSTEMS, INC. 2,948,111
CARL FREUDENBERG KG 2,947,826
CARLSON, KARL 2,948,583
CARTER, GREGORY GEORGE 2,948,266
CHAN, PAUL MON-WAH 2,948,106
CHAN, PAUL MON-WAH 2,948,116
CHAN, PAUL MON-WAH 2,948,239
CHAN, PAUL MON-WAH 2,948,241
CHANG, DI-FONG 2,948,016
CHANG, HONG-I 2,912,002
CHECHEDOO INC. 2,911,898
CHEN, HON-LUN 2,948,016
CHENG, PAN PAN 2,948,000
CHERCHIR, LINDA 2,911,898
CHIN, KUANG-TSE 2,912,002
CLEMENT, CHARLES J. 2,943,972
CLEYLE, PETER JOSEPH 2,911,776
CLONCE, RICHARD LEE 2,947,820
CONGDON, THOMAS 2,948,533
COOPER, WAYNE 2,941,621
CORREIA, VICTOR HUGO SILVA 2,946,560
COTE, PAUL L. 2,911,981
COTE, PAUL L. 2,945,969
COTE, PAUL L. 2,948,466
COTE, PAUL L. 2,948,520
COTE, PAUL L. 2,948,522
COUTANDIN, DANIELE 2,948,470
COVIDIEN LP 2,947,820
COVIDIEN LP 2,947,822
COVIDIEN LP 2,947,825
CROSS, TAMARA MAE 2,948,023
CRYDERMAN, CHRISTOPHER RYAN 2,911,776
CUFFARO, JOSEPH 2,916,164
CURTIS, TIMOTHY 2,960,608
CZERWONATIS, NIELS 2,946,286
DAVIS, WAYNE HARRY 2,943,931
DECODTS, CEDRIC 2,948,607
DEDIEU, PHILIPPE 2,948,607
DEJANOVIC, MIJO 2,931,911
DEL VECCHIO, ORIN 2,948,106
DEL VECCHIO, ORIN 2,948,116
DEL VECCHIO, ORIN 2,948,239
DEL VECCHIO, ORIN 2,948,241
DEMANGE, FABIEN 2,948,607
DENG, GUANGYAO 2,911,725
DERMAL THERAPIES, LLC 2,911,699
DESSUREAULT, GABRIEL 2,911,825
DETEC SYSTEMS LTD. 2,911,883
DJURICA, RADOSLAV 2,911,616
DOMETIC SWEDEN AB 2,948,063
DU, XIAOMING 2,947,463
DUAN, HUIZHU 2,911,725
DUBASH, NEVILLE 2,945,458
DUCE, JEFF 2,941,142
DUCROHET, VINCENT 2,948,576
DUNN, JAMES T. 2,942,249
DUNN, JAMES T. 2,942,250
DURAND, ARNAUD DAMIEN 2,948,075
DUSKE, RAINER 2,911,934
DUXBURY, DEBRAH G. 2,937,126
DUXBURY, NIGEL 2,937,126
DYSON, THOMAS EARL 2,946,539
EATON CORPORATION 2,940,744
ECHEVERRI, NICOLAS ANTONIO 2,928,138
ELEVENTH FLOOR APPAREL LTD. 2,916,164
ERNSDORFF, PAUL 2,911,781
EXTENSIVE ENERGY TECHNOLOGIES PARTNERSHIP 2,948,273
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,945,513
FAIDI, WASEEM 2,946,567
FAN, YING 2,946,567
FERDINAND LUSCH GMBH & CO. KG 2,947,830
FOLK, KYLE R. 2,947,228
FORT, BRIAN CHARLES 2,945,517
FOX, ANDREW ROBERT 2,928,138
FRIEDRICHS, DANIEL A. 2,947,825
FULLY PLUS ENTERPRISE LIMITED 2,936,598
GALM, JAMES M. 2,931,911
GANG, TRAVIS 2,947,726
GARSVA, VILIUS 2,911,782
GAUSEPOHL, ANDREAS 2,948,418
GE AVIO S.R.L. 2,948,470
GENERAL ELECTRIC COMPANY 2,946,539
GENERAL ELECTRIC COMPANY 2,946,547
GENERAL ELECTRIC COMPANY 2,946,560
GENERAL ELECTRIC COMPANY 2,946,567

# Index des demandes canadiennes mises à la disponibilité du public
## 7 mai 2017 au 13 mai 2017


GENERAL ELECTRIC COMPANY 2,946,590
GENERAL ELECTRIC COMPANY 2,946,592
GENERAL ELECTRIC COMPANY 2,946,603
GENERAL ELECTRIC COMPANY 2,947,363
GENERAL ELECTRIC COMPANY 2,947,380
GENERAL ELECTRIC COMPANY 2,947,438
GENERAL ELECTRIC COMPANY 2,947,463
GENERAL ELECTRIC COMPANY 2,947,808
GEORGES, DIDIER 2,948,607
GERAUD, REMI 2,947,920
GETZLAF, DON 2,948,249
GILLIS, BROCK 2,948,027
GILLIS, BROCK 2,948,249
GLOBE STAMPING COMPANY LIMITED 2,948,266
GLOCK HEALTH, SCIENCE AND RESEARCH GMBH 2,947,570
GLOCK, GASTON 2,947,570
GOJO INDUSTRIES, INC. 2,948,023
GOMBAULT, CAMILLE 2,948,607
GONYOU, CRAIG ALAN 2,947,380
GOODRICH CORPORATION 2,940,480
GOODRICH CORPORATION 2,940,483
GOODRICH LIGHTING SYSTEMS GMBH 2,947,902
GOODRICH LIGHTING SYSTEMS GMBH 2,948,418
GOODRICH LIGHTING SYSTEMS GMBH 2,948,432
GOTZ, KERSTIN 2,946,286
GREGERSON, GLEN OWEN 2,928,138
GRENEIR, GARY C. 2,943,972
GRIMM, JEFFREY JOHN 2,948,111
GRONE, MATTHIAS 2,947,830
GROTEN, ROBERT 2,947,826
GRUNINGER, SIEGFRIED 2,943,685
GUY, ASHLEY 2,956,619
HADJIHARALAMBOUS, ALEX 2,922,175
HALDENBY, PERRY AARON JONES 2,948,106
HALDENBY, PERRY AARON JONES 2,948,116
HALDENBY, PERRY AARON JONES 2,948,239
HALDENBY, PERRY AARON JONES 2,948,241
HALL, JEFFREY WILLIAM 2,948,023
HARDING, KEVIN GEORGE 2,947,463
HARTOUMBEKIS, ELIAS 2,947,822
HEINISH, MARK KENT 2,911,776
HESSLING-VON HEIMENDAHL, ANDRE 2,947,902
HESSLING-VON HEIMENDAHL, ANDRE 2,948,418
HESSLING-VON HEIMENDAHL, ANDRE 2,948,432
HILL, KATHRYN BATES 2,947,560
HILLIAHO, ESA 2,947,999
HITCHCOCK, CORY M. 2,941,057
HOEY, JESSE 2,948,000
HOLSTEN, HENRY E. 2,947,820
HONEYWELL INTERNATIONAL INC. 2,946,656
HONEYWELL INTERNATIONAL INC. 2,947,560
HONG, JUNE 2,928,819
HOTTES, CHRISTOPHER J. 2,941,056
HOTTES, CHRISTOPHER J. 2,941,075
HOUSE, ASHLEY 2,941,142
HOUSTON, CHRISTOPHER 2,951,054
HSIEH, JUNG-KUEI 2,912,002
HSU, YA-WEN 2,939,456
HUANG, KUO-CHANG 2,946,850
HYNNA, KAI MICHAEL 2,960,528
ILLINOIS TOOL WORKS INC. 2,940,365
IMAGIC GLASS INC. 2,911,782
INDUSTRIAL WATERPROOF SYSTEMS LTD. 2,948,050
INGENICO GROUP 2,947,920
INGENICO GROUP 2,948,576
INGENICO GROUP 2,948,607
INSLEY, MARK 2,960,608
INTRAGRAIN TECHNOLOGIES INC. 2,947,228
ITC INCORPORATED 2,912,667
J. J. KELLER & ASSOCIATES, INC. 2,947,889
JHA, ANIL KUMAR 2,948,432
JIA, TAO 2,947,463
JOCHMAN, NATHAN JOE 2,940,365
JOHNSON, TIM 2,948,027
JOHNSON, TIM 2,948,249
KALT MASCHINENBAU AG 2,943,685
KAYARAT, VIVEK 2,947,897
KHANGURA, GURMEET 2,911,714
KHOMOVSKIY, ANDREY 2,948,583
KIGAMI, SHOGO 2,911,680
KIK INTERACTIVE INC. 2,948,000
KINUGASA, YUKI 2,911,680
KLASING, KEVIN SAMUEL 2,947,380
KNIGHT, STEPHEN J., III 2,946,496
KOIDE, BRAD 2,948,566
KOIDE, BRAD 2,948,581
KOIDE, BRAD 2,948,584
KORTHAUER, SASCHA 2,911,934
KOUDOUSSI, HIBA 2,947,920
KOUDOUSSI, HIBA 2,948,576
KRAY, NICHOLAS JOSEPH 2,946,603
KRITICOS, STEPHEN CON 2,948,586
KROGER, CHRISTOPHER JAMES 2,946,592
KUCKSDORF, KEVIN 2,947,889
KUCZEK, ANDRZEJ ERNEST 2,941,279
KUGLER, WILLIAM E. 2,946,496
KUMAR, SHEETHAL 2,947,897
KUPRATIS, DANIEL BERNARD 2,945,265
KUTIK, ONDREJ 2,946,656
LAM, PATRICK 2,911,543
LAMBE, KENNETH A. 2,948,273
LARMOIRE, THIERRY 2,948,413
LATITUDE TECHNOLOGIES CORPORATION 2,960,608
LAU, SIU FAI 2,936,598
LAYERZERO POWER SYSTEMS, INC. 2,931,911
LEBLANC, RODRIGUE 2,958,223
LEE, CHANG TAEK 2,928,819
LEE, CHUN-LIN 2,939,456
LEE, JOHN JONG SUK 2,948,106
LEE, JOHN JONG SUK 2,948,116
LEE, JOHN JONG SUK 2,948,239
LEE, JOHN JONG SUK 2,948,241
LEE, KANGSIK 2,941,062
LEHMAN, ADAM I. 2,947,820
LENG-MARINI, ALISHA 2,911,905
LESAGE, JEAN-CLAUDE 2,911,916
LEVERICK, GRAHAM M. 2,942,249
LEVY, DROR 2,947,347
LEWIS, DENNIS M. 2,941,621
LEWMAR LIMITED 2,948,025
LIAO, YI 2,947,463
LIN, CHIEN-HUNG 2,912,002
LINDNERHOF-TAKTIK GMBH 2,947,883
LINDSAY, BLAKE CATLIN 2,947,749
LOPPACH, KARSTEN 2,948,100
LORRAINE, PETER WILLIAM 2,946,567
LOUISVILLE LADDER INC. 2,932,305
LUDWIN, DORON MOSHE 2,947,347
LUI, TIMOTHY S. 2,941,062
LUMON INVEST OY 2,947,999
MACDON INDUSTRIES LTD. 2,942,249
MACDON INDUSTRIES LTD. 2,942,250
MADANI, KAVEH MOEZZI 2,931,891
MADDEN, RYAN M. J. 2,948,453
MAHADEVAN, RAJAN 2,948,106
MAHADEVAN, RAJAN 2,948,116
MAHADEVAN, RAJAN 2,948,239
MAHADEVAN, RAJAN 2,948,241
MANROLAND WEB SYSTEMS GMBH 2,947,724
MANROLAND WEB SYSTEMS GMBH 2,947,742
MARMON UTILITY, LLC 2,943,972
MARTIN, DAVID 2,960,608
MATTHEWS, ANDREW MICHAEL 2,948,025
MAY, JAMES H. 2,923,907
MAZUR, MICHAEL 2,943,997
MCLACHLIN, STEWART DAVID 2,960,528
MCLORG, ANTHONY BARR 2,911,699
MICLAU-S.R.L. INC 2,911,916
MILLER, BRANDON WAYNE 2,946,592
MILLER, ROBERT J. 2,941,056
MILLER, ROBERT J. 2,941,075
MILLS, DAVID 2,946,567
MISRA, JANARDAN 2,945,458
MONCET, ERIC 2,948,413
MORRIS, JASON E. 2,947,709
MORRISON, DARRYL J. 2,911,543
MYRMAN, MARSHALL COREY 2,948,566

| | |
|---|---|
| MYRMAN, MARSHALL COREY | 2,948,581 |
| MYRMAN, MARSHALL COREY | 2,948,584 |
| NABTESCO CORPORATION | 2,911,680 |
| NACCACHE, DAVID | 2,947,920 |
| NACHURS ALPINE SOLUTIONS, CORP. | 2,951,054 |
| NAGLE, JESSY R. | 2,911,723 |
| NAUD, JEAN-MARC | 2,947,808 |
| NCS MULTISTAGE INC. | 2,948,027 |
| NCS MULTISTAGE INC. | 2,948,249 |
| NEUNDORFER, OSCAR LEWIS | 2,940,744 |
| NIERGARTH, DANIEL ALAN | 2,946,592 |
| NIETERS, EDWARD JAMES | 2,946,567 |
| NIPPON STEEL & SUMIKIN WELDING CO., LTD. | 2,945,733 |
| NOVA CHEMICALS CORPORATION | 2,911,543 |
| O'HERN, CAROL ANN | 2,947,889 |
| O'NEIL, PAUL H. | 2,911,702 |
| OFNER, ROBERT | 2,908,280 |
| OMAHA STANDARD, LLC | 2,943,931 |
| OP-HYGIENE IP GMBH | 2,911,934 |
| OPHARDT, HEINER | 2,911,934 |
| OREJAS, MARTIN | 2,946,656 |
| PAN, TZU-MING | 2,939,456 |
| PAPROCKI, GARY | 2,948,266 |
| PAUL, RATNADEEP | 2,947,463 |
| PEDRAMI, REZA | 2,931,891 |
| PENIE, PRINCE | 2,920,178 |
| PHILP, DAVID | 2,948,581 |
| PILLAI, VELAYUDHAN | 2,947,897 |
| PLATZER, PETER | 2,947,724 |
| PLATZER, PETER | 2,947,742 |
| PODDER, SANJAY | 2,945,458 |
| POEPKE, HARALD | 2,911,934 |
| POLLHAUS, HANS | 2,906,125 |
| PONOMAREV, SERGEY G. | 2,941,621 |
| POTTS, MARK | 2,947,897 |
| POUPART, PASCAL | 2,948,000 |
| PRABHAKARAN, SATISH | 2,947,363 |
| PRATT & WHITNEY CANADA CORP. | 2,931,891 |
| PRATT, F. DALE | 2,948,273 |
| RAASAKKA, JUSSI | 2,946,656 |
| RAMAMURTHY, RAJESH | 2,947,463 |
| RAWLINGS, DIANE C. | 2,941,056 |
| REMO, INC. | 2,923,907 |
| RIDDLE, MICHAEL THOMAS | 2,945,517 |
| ROBERTS, PHILIP DAVID | 2,948,025 |
| ROCHE, ELODIE | 2,948,413 |
| ROMER, MICHAEL C. | 2,945,513 |
| RUPP, STEVEN C. | 2,947,825 |
| SABA, EITAN MOSHE | 2,947,347 |
| SAKAI, HIROSHI | 2,959,853 |
| SASAKI, KIYOHITO | 2,945,733 |
| SATO, KOJI | 2,911,680 |
| SAVAGAONKAR, MILIND | 2,945,458 |
| SCHAFER, BENJAMIN | 2,943,997 |
| SCHALLA, JAMES | 2,941,142 |
| SCHLEUNIGER HOLDING AG | 2,943,997 |
| SCHMITT, GUENTER | 2,947,826 |
| SCHNEIDER, STEFAN | 2,947,724 |
| SCHNEIDER, STEFAN | 2,947,742 |
| SCHNIEDERS, JOHANNES | 2,948,100 |
| SCHWAGER, MARTIN | 2,947,883 |
| SCHWARZ, FREDERICK M. | 2,945,265 |
| SCHWARZBACH, JULIA | 2,946,286 |
| SEAMAN CORPORATION | 2,947,684 |
| SEAMAN CORPORATION | 2,947,685 |
| SELA, GAL | 2,960,528 |
| SHAH, MANOJ RAMPRASAD | 2,947,363 |
| SHEARER, BRUCE R. | 2,942,250 |
| SHOUP, JARED ROWLAND | 2,960,528 |
| SIEMENS AKTIENGESELLSCHAFT | 2,948,100 |
| SIMMONDS PRECISION PRODUCTS, INC. | 2,947,726 |
| SIMONS, KENNETH A. | 2,956,619 |
| SIMPLEHUMAN, LLC | 2,948,016 |
| SIRCY, ANDREW DONOVAN | 2,945,517 |
| SIXT, JOSEF | 2,947,883 |
| SKALICKY, JAKUB | 2,946,656 |
| SLATER, JASON MICHAEL | 2,948,023 |
| SMITH, AARON EZEKIEL | 2,946,539 |
| SMITH, DEREK MATTHEW | 2,948,023 |
| SMITH, NIGEL CHRISTOPHER | 2,948,025 |
| SMITH, ROBERT B. | 2,947,825 |
| SNOW, KYLE ROBERT | 2,946,592 |
| SPALDING, JOHN F., JR. | 2,941,056 |
| SPENCER, KATHRYN L. | 2,947,820 |
| SPORT INSIGHT INC. | 2,948,453 |
| ST. ROCK, BRIAN | 2,941,279 |
| STAAL, TIM | 2,948,533 |
| STEFANYSHYN, DARREN J. | 2,948,453 |
| STORVICK, DARRELL M. | 2,941,056 |
| SUCIU, GABRIEL L. | 2,945,265 |
| SUNCOR ENERGY INC. | 2,911,776 |
| SUNWAY BIOTECH CO., LTD. | 2,939,456 |
| SYNAPTIVE MEDICAL (BARBADOS) INC. | 2,960,528 |
| TAKAYAMA, RIKIYA | 2,945,733 |
| TAMEZ REYES, FRANCISCO JAVIER | 2,932,305 |
| TAYLOR, SHEA E. | 2,911,903 |
| TEIG, ADAM H. | 2,948,569 |
| TEIG, RANDY S. | 2,948,569 |
| TESA SE | 2,946,286 |
| TESSANDORI, STEPHANE OLIVIER | 2,948,075 |
| THALES | 2,948,075 |
| THALES | 2,948,413 |
| THE BOEING COMPANY | 2,941,056 |
| THE BOEING COMPANY | 2,941,057 |
| THE BOEING COMPANY | 2,941,062 |
| THE BOEING COMPANY | 2,941,075 |
| THE BOEING COMPANY | 2,941,142 |
| THE BOEING COMPANY | 2,941,621 |
| THE TORONTO-DOMINION BANK | 2,948,106 |
| THE TORONTO-DOMINION BANK | 2,948,116 |
| THE TORONTO-DOMINION BANK | 2,948,239 |
| THE TORONTO-DOMINION BANK | 2,948,241 |
| THOMAS, COLTON LEE | 2,945,517 |
| TIBBETTS, NICOLE | 2,946,567 |
| TIM C. VAN HORLICK FORESTRY INC. | 2,933,735 |
| TLUCZYKONT, STEFAN | 2,922,175 |
| TODOKORO, SHINJI | 2,945,348 |
| TORIYABE, MASAAKI | 2,945,733 |
| TOTSUKA, YASUHITO | 2,945,733 |
| TRAPEZE SOFTWARE ULC | 2,911,781 |
| TREAT, DAVID B. | 2,947,897 |
| TRICO CORP. | 2,948,327 |
| TROSHKO, ANDREY A. | 2,945,513 |
| TURNER, JASON | 2,941,142 |
| ULMER, DONALD MARTIN | 2,947,721 |
| ULMER, ERIK HAAKON | 2,947,721 |
| UMG ABS, LTD. | 2,959,853 |
| UNITED CONSTRUCTION PRODUCTS, INC. | 2,946,496 |
| UNITED TECHNOLOGIES CORPORATION | 2,945,265 |
| UNKNOWN | 2,911,723 |
| USNR/KOCKUMS CANCAR COMPANY | 2,948,533 |
| VAN HASSEL, BART A. | 2,940,480 |
| VAN HORLICK, TIMOTHY C. | 2,933,735 |
| VEINBERG, LEONID | 2,908,280 |
| VICENTE, ORIOL A. | 2,948,581 |
| VOKEY, DAVID E. | 2,911,883 |
| WADDAR, SACHIN HANUMANTAPPA | 2,945,458 |
| WAHAL, SANJAY | 2,951,054 |
| WANG, JASON Y. | 2,945,513 |
| WANNOP, JOHN W. | 2,948,453 |
| WEAVER, MATTHEW MARK | 2,947,438 |
| WEGELIN, JACKSON WILLIAM | 2,948,023 |
| WESTBROOK, DAVID ALLEN | 2,940,744 |
| WHITEWATER WEST INDUSTRIES LTD. | 2,948,581 |
| WHITEWATER WEST INDUSTRIES LTD. | 2,948,583 |
| WHITEWATER WEST INDUSTRIES, LTD. | 2,948,566 |
| WHITEWATER WEST INDUSTRIES, LTD. | 2,948,584 |
| WHITEWATER WEST INDUSTRIES, LTD. | 2,948,586 |
| WHITTINGTON, CHRISTOPHER J. | 2,923,907 |
| WIELAND ELECTRIC GMBH | 2,922,175 |
| WILLER, LANCE T. | 2,942,249 |
| WILLIAMS, MICHAEL L. | 2,943,972 |
| WILSON, JAY | 2,948,327 |
| WOROBETS, JAY TOFIN | 2,948,453 |
| XU, ZHENGHUA | 2,911,725 |
| YAMASHITA, SHINJI | 2,959,853 |
| YANG, FRANK | 2,948,016 |
| YAZDANFAR, SIAVASH | 2,946,567 |
| YU, YA-CHUN | 2,912,002 |
| ZHANG, HANG | 2,911,785 |
| ZHANG, JINBING | 2,911,725 |
| ZHAO, SHERRY | 2,912,916 |
| ZHENG, JINZHONG | 2,911,725 |
| ZLATINOV, METODI BLAGOEV | 2,946,539 |

ZURN INDUSTRIES, LLC 2,947,709

# Index of PCT Applications Entering the National Phase

# Index des demandes PCT entrant en phase nationale


24M TECHNOLOGIES, INC. 2,962,788
3M INNOVATIVE PROPERTIES COMPANY 2,964,369
3M INNOVATIVE PROPERTIES COMPANY 2,965,841
AB INITIO TECHNOLOGY LLC 2,964,590
ABB SCHWEIZ AG 2,965,666
ABBOTT MOLECULAR INC. 2,965,500
ABBVIE BIOTHERAPEUTICS INC. 2,966,005
ABBVIE S.A.R.L. 2,965,981
ABBVIE S.A.R.L. 2,966,023
ABDI, FRANCIS F. 2,965,631
ABILITY DYNAMICS, LLC 2,965,997
ABOCA S.P.A. SOCIETA AGRICOLA 2,965,911
ACTELION PHARMACEUTICALS LTD 2,964,616
ADAGIO MEDICAL, INC. 2,965,314
ADAMSON, GEORGE W. 2,963,083
ADVANCED ALLOY HOLDINGS PTY LTD 2,965,707
AFL TELECOMMUNICATIONS LLC 2,965,972
AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH 2,965,623
AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH 2,965,627
AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH 2,965,960
AGRESEARCH LIMITED 2,966,100
AGRESEARCH LIMITED 2,966,102
AHARONI, BENYAMIN 2,965,886
AHONEN, LAURI 2,965,583
AHONEN, LEEVI 2,965,583
AIR LIQUIDE MEDICAL SYSTEMS 2,965,092
AKONNI BIOSYSTEMS, INC. 2,965,824
AKZO NOBEL CHEMICALS INTERNATIONAL B.V. 2,962,831
ALFRED E. MANN FOUNDATION FOR SCIENTIFIC RESEARCH 2,964,142
ALGOZEN CORPORATION 2,965,713
ALKHATEEB, AHMED 2,965,575
ALMARHOON, MAHER I. 2,962,953
ALTENBACH, ROBERT J. 2,965,981
ALTINI, MARCO 2,965,756
AMBLARD, FRANCK 2,966,033
AMYRIS, INC. 2,965,602
ANDRESEN, DEE LYNN 2,965,599
ANGELUCCI, ADRIANO 2,965,734
ANISH, CHAKKUMKAL 2,961,694
APANA INC. 2,965,674
APEX GOLD INTERNATIONAL LIMITED 2,965,907
API INTELLECTUAL PROPERTY HOLDINGS, LLC 2,966,022
APOLLO, NICHOLAS 2,966,054
ARABSKY, SERHIY 2,965,854
ARABSKY, VITALIY 2,965,854
ARAKI, TAKAHITO 2,965,607
ARANYOSI, ALEXANDER J. 2,965,658
ARCELORMITTAL 2,962,556
ARDINGER, JEFFERY 2,961,523
ARIYARATNA, THENUKA 2,962,751
ARIYARATNA, THENUKA 2,962,753
ASAI, YOSHITOMO 2,965,901
ASAI, YOSHITOMO 2,966,107
ATHENA AUTOMATION LTD. 2,965,390
ATHEY, BRETT 2,965,573
AUGIS, ERIC 2,959,108
AUSTIN, WAYNE EDWARD 2,962,407
AVALOS, PABLO 2,966,029
AVECTAS LIMITED 2,965,509
AVENT, INC. 2,965,677
AVERY DENNISON CORPORATION 2,962,632
AXRUP, LARS 2,965,757
AYRIS, MICHAEL 2,965,572
BABA, MASANOBU 2,965,607
BABKIN, ALEXEI 2,965,314
BACH, PAULA M. 2,964,483
BAKARANIA, NEEL MAGAN 2,962,789
BAKER HUGHES INCORPORATED 2,962,942
BAKER, MICHAEL JOHN 2,966,029
BALAKSHIN, MIKHAIL Y. 2,962,604
BALAKSHIN, MIKHAIL Y. 2,962,606
BALAKSHIN, MIKHAIL Y. 2,962,611
BALDASSARI, MARIO C. 2,963,972
BALLARD, JAY 2,965,980
BARAK, EHUD 2,965,787
BARBER, TIMOTHY S. 2,964,567
BARKEY, DOUGLAS JAY 2,957,422
BARNEA, EYTAN R. 2,965,973
BARRY, DANIEL T. 2,965,672
BARTEK, PETER MICHAEL 2,962,439
BARTEK, PETER MICHAEL 2,962,820
BARTEK, PETER, MICHAEL 2,962,436
BARTELS - MOROZOV, DENISE 2,961,987
BASIT, NAUMAN 2,961,919
BASSMAN, LORI 2,965,707
BATISTA, ALINE CARVALHO 2,966,060
BATTELLE MEMORIAL INSTITUTE 2,961,563
BAUER, DANIEL 2,965,435
BAUER, MARTIN 2,962,827
BAUR, PETER 2,962,827
BAUTZE, THIBAULT 2,961,278
BAVARIAN NORDIC A/S 2,960,092
BAVARIAN NORDIC A/S 2,960,096
BAYER HEALTHCARE LLC 2,965,817
BAYER HEALTHCARE LLC 2,965,819
BD KIESTRA B.V. 2,962,365
BEARSS, DAVID J. 2,965,690
BEATTY, GREGORY 2,961,636
BEAULNE, SIMON 2,965,877
BEAUPARLANT, JONATHAN 2,965,758
BEILBY, MICHAEL 2,965,572
BELAAOUAJ, AZZAQ 2,963,705
BELBASIS, AARON 2,965,704
BELL, STEVEN GRAHAM 2,965,909
BEN-YAKAR, ADELA 2,965,811
BENOIT, GILLES J. 2,964,369
BENTZUR, YORAM 2,965,843
BENVENUTO, JOHN PAUL 2,962,789
BENZ, STEPHEN 2,958,478
BERG, BRIAN 2,961,879
BERSET, TORFINN 2,965,756
BERTHIER, ALBERT 2,960,228
BHARAJ, SURINDER 2,965,758
BHATKAR, SANDEEP 2,964,301
BIC-VIOLEX SA 2,962,748
BIENVENU, FREDERIC 2,962,331
BILLIET ERIK 2,966,057
BIN MUHAMMAD MOIZUDDIN, MUHAMMAD SUBHAN 2,965,783
BINDERBAUER, MICHL 2,965,682
BINGHAM, PAUL 2,965,898
BINGHAM, PAUL 2,965,963
BIOGLAN AB 2,965,785
BIOINCEPT, LLC 2,965,973
BIOSCOPEX APS 2,965,718
BLACKBERRY LIMITED 2,966,014
BLEICH, ANDREW 2,965,666
BLODGETT, ROBERT 2,964,514
BLOOM TECHNOLOGIES NV 2,965,756
BLOOMFIELD, ALICIA 2,962,440
BLUE NOSE USA LLC 2,965,957
BOGDAN, ANDREW 2,965,981
BOJJA, NIKHIL 2,964,331
BOMBARDIER INC. 2,962,428
BOMBARDIER INC. 2,962,585
BOMBARDIER INC. 2,965,758
BORISS, HINNERK 2,964,429
BORNMAN, DANIEL M. 2,961,563
BOTEJU, LAKMAL 2,965,898
BOTEJU, LAKMAL 2,965,963
BOTTA, MAURIZIO 2,965,734
BOUCHARD, MATHIEU 2,966,006
BOUILLON, JEAN-PHILIPPE 2,963,705

BOWDEN, ANTON 2,965,679
BOWERS, SARA S. 2,963,083
BOWLEY, RYAN THOMAS 2,955,924
BOYLAN, NICHOLAS J. 2,957,764
BOZIKIS, IOANNIS 2,962,748
BOZINIS, MARIZE CAMPOS VALADARES 2,966,060
BRACKEN, ADRIAN 2,961,725
BRANDENBURG, CHET 2,965,183
BRANDL, ERICH 2,962,523
BRIGHAM YOUNG UNIVERSITY 2,965,679
BRISTOL-MYERS SQUIBB COMPANY 2,965,502
BROOKS, BRIAN E. 2,964,369
BROOKS, HAROLD BURNS 2,964,140
BROWN, CHRISTINE E. 2,961,654
BRUDNICKI, DAVID 2,964,458
BRUENING, JEFFREY SCOTT 2,962,789
BRUNNER, YARON 2,962,888
BUENO, ARIAL 2,965,824
BUHRLAGE, SARA JEAN 2,965,178
BULL, MICHAEL 2,962,629
BUNKER, RONALD SCOTT 2,965,338
BURNS, FRANK 2,965,674
BUSQUETS XAUBET, XAVIER 2,965,047
BUSSE, JENS 2,962,507
BUSTOS, OSCAR A. 2,965,992
BUTTI, HEIKE 2,962,531
CALDOGUETTO, MICHEL 2,960,228
CALLAHAN, MICHAEL DENNIS 2,965,195
CALLENDRET, BENOIT CHRISTOPHE STEPHAN 2,960,092
CALLENDRET, BENOIT CHRISTOPHE STEPHAN 2,960,096
CAMBI TECHNOLOGY AS 2,965,422
CAMERON INTERNATIONAL CORPORATION 2,966,015
CAMPHAUSEN, RAY 2,965,502
CANCARINI, GIANNI 2,962,027
CAO, MINGYAN 2,965,678
CAPACITOR SCIENCES INCORPORATED 2,965,870
CAPANEMA, EWELLYN A. 2,962,604
CAPANEMA, EWELLYN A. 2,962,606
CAPANEMA, EWELLYN A. 2,962,611
CAPITAL ONE SERVICES, LLC 2,965,668
CAPONETTI, GIOVANNI 2,962,531
CARCAMO, CLAUDIA 2,965,593
CARLSON, SONIA P. 2,964,483
CASTANON, SCOTT E. 2,965,712
CASTRO, JOHN R. 2,964,763
CEDARS-SINAI MEDICAL CENTER 2,966,029
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) 2,962,331
CENTRICA CONNECTED HOME LIMITED 2,960,921
CHACHISVILIS, MIRIANAS 2,965,866
CHANG, HWAN BONG 2,964,735
CHANGZHOU GLOBE CO., LTD. 2,965,406
CHANGZHOU GLOBE CO., LTD. 2,966,030
CHARBON, CHRISTOPHE 2,960,228
CHARLEBOIS, FREDERIC 2,965,758
CHATTERJEE, SASWATI 2,961,555
CHATURVEDI, RAHUL 2,958,478
CHAUDHARY, MANU 2,962,540
CHEATHAM, LLOYD RAY 2,965,297
CHEN, CHIEN-CHIANG 2,963,782
CHEN, HONGYANG 2,965,947
CHEN, SONGHUA 2,965,794
CHEN, YONGJIANG 2,965,716
CHEUNG, CHIU YING 2,964,483
CHICHLOWSKI, MACIEJ 2,961,879
CHILDERS, WAYNE 2,965,839
CHOI, DONALD M. 2,966,028
CHOI, DONG RACK 2,964,735
CHOI, HAN-SUN 2,965,628
CHOI, HWAN GEUN 2,965,178
CHOI, JI WON 2,963,371
CHOO, HYUN AH 2,963,371
CHOUDHARY, SURESHKUMAR 2,965,678
CHRISTENSSON, MAGNUS 2,962,314
CHRISTIAN, ROSE C. 2,965,502
CHUN, DEXTER TAMIO 2,964,303
CIAMPI, ETHEL 2,965,593
CINI, FRANK ALBERT 2,966,037
CITY OF HOPE 2,961,555
CITY OF HOPE 2,961,654
CLARIANT INTERNATIONAL LTD 2,962,751
CLARIANT INTERNATIONAL LTD 2,962,753
CLARIANT INTERNATIONAL LTD 2,962,827
CLARK, EMILY ROSETTE 2,965,338
CLARKE, COLIN JOHN 2,964,012
CLAVIER, EMILIE 2,959,108
CLEAR GUIDE MEDICAL, INC. 2,965,842
CLEAR GUIDE MEDICAL, INC. 2,965,850
CLEVENGER, RANDY 2,965,670
CLOZEL, MARTINE 2,964,616
COATS, STEVEN J. 2,966,033
COCRYSTAL PHARMA, INC. 2,966,033
CODORNIU, JOAN CASTELLA 2,962,821
COHEN, DANIEL 2,965,502
COLE, ANDREW C. 2,965,669
COLGATE-PALMOLIVE COMPANY 2,965,702
COLLANO ADHESIVES AG 2,965,969
COLLINS, CHARLES 2,961,631
COLOMBAROLI, PAOLO 2,954,843
COLORANT CHROMATICS AG 2,962,855
COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN 2,962,640
COMPTON, DENNIS R. 2,965,673
COMTE, BRUNO 2,960,228
CONNER, MARIANNE 2,965,183
CONRAD, GREGORY A. 2,966,015
CONWAY, PATRICK 2,965,707
COOMBE, BRENT JAMES-WILLIAM 2,955,924
COONEY, CHRISTOPHER G. 2,965,824
COOTE, MATTHEW TIMOTHY 2,960,921
CORCORAN, MARTA 2,965,678
COREPACT, LLC 2,965,573
CORNEAU, GARY 2,965,723
CORPUS, CALVIN N. 2,965,905
COSSE, CHRISTOPHER C. 2,965,905
COURCHAY, FLORENCE CATHERINE 2,962,792
COURCHAY, FLORENCE CATHERINE 2,962,807
COURIS, CHERYL 2,964,483
COVIZZI, GIAMPAOLO 2,954,843
COWAN, KEVIN P. 2,965,817
COWAN, KEVIN P. 2,965,819
COWLEY, PHILLIP 2,965,741
COZZENS, DAVID 2,962,808
CRAN, JOHN W. 2,961,628
CREO MEDICAL LIMITED 2,964,663
CROSBY, CODY 2,965,707
CROSSEN, REX WENTERS 2,965,190
CSR YANGZE CO., LTD. 2,966,034
CUNERTY, JOHN 2,965,723
CUNNINGHAM, MARK KERR 2,965,195
CURHAN, JEFFREY 2,962,788
CURKOVICH, CRISTOBAL 2,965,593
CURRY, JOSHUA 2,965,183
CURRY, JUSTIN 2,965,195
CUTHBERT, ANDREW JOHN 2,965,622
DAGAN, AMIT 2,966,105
DAITCH, CHARLES 2,965,824
DALLY, ROBERT DEAN 2,964,140
DALTON, MICHAEL 2,964,471
DANA-FARBER CANCER INSTITUTE, INC. 2,965,178
DANA-FARBER CANCER INSTITUTE, INC. 2,966,040
DANILKOVITCH, ALLA 2,961,715
DANOVA, KLARA 2,964,229
DAS, SUBASH CHANDRA 2,965,994
DAVIES, ROGER PHILIP 2,966,046
DAVIES, ROGER PHILIP 2,966,050
DAVIS, MICHAEL STEPHEN 2,962,820
DAVIS, MICHAEL, STEPHEN 2,962,436
DAVIS, SUSAN 2,965,741
DCI DONOR SERVICES, INC. 2,965,717
DE MENDONCA, ELISMAURO FRANCISCO 2,966,060
DEL SENNO, NICOLE 2,962,789
DELLA-LIBERA, GIOVANNI M. 2,964,483
DEPAUW, DEVAN MICHAEL 2,962,769
DERMEL, MARIUS 2,965,092
DERYABINA, MARIA ALEXANDROVNA 2,965,732
DESAI, VIPUL 2,965,575
DIBERNARDO, CHRISTOPHER JOSEPH 2,965,297
DIRMEIER, ULRIKE 2,960,092
DIRMEIER, ULRIKE 2,960,096
DIRTT ENVIRONMENTAL SOLUTIONS, LTD. 2,964,514
DO, CUONG 2,965,809
DOANE, JAMES 2,962,942

DODDS, LAUREN JANE 2,965,630
DOHERTY, TRISTAN 2,962,788
DOM TERRY INTERNATIONAL S.R.L. 2,962,182
DONALDSON, A. BURL 2,965,902
DONDERICI, BURKAY 2,965,989
DONG WHA PHARM. CO., LTD. 2,964,735
DONSKY, MARC 2,959,283
DORFMULLER, CHRISTIAN 2,965,382
DORTON, RYAN 2,962,440
DOSENBACH, ERIC SAJED 2,964,567
DOUOGUIH, MACAYA JULIE 2,960,096
DOUS, DARRELL 2,965,957
DOW GLOBAL TECHNOLOGIES LLC 2,962,024
DRAZIN, DONIEL 2,966,029
DREASSI, ELENA 2,965,734
DRLIK, MARK SASHA 2,966,029
DROUADAINE, YVES 2,962,556
DSM IP ASSETS B.V. 2,961,573
DUAN, XIUHUA 2,965,411
DUDKIEWICZ, DARIUSZ 2,965,181
DUDKIEWICZ, ROSALIE 2,965,181
DUGAR, DEEPAK 2,965,737
DUMAS, NICOLE 2,965,677
DUNMAN, PAUL M. 2,965,839
DUPONT, JAKOB 2,966,042
DURHAM, TIMOTHY BARRETT 2,964,140
DY, ERIC 2,965,756
DYKSTRA, JASON D. 2,965,989
DYNO NOBEL ASIA PACIFIC PTY LIMITED 2,965,705
E I DU PONT DE NEMOURS AND COMPANY 2,961,733
EARTH TECHNOLOGIES USA LIMITED 2,965,996
EBNER, BERNHARD 2,962,523
ECOLAB USA INC. 2,965,673
EDEN, HEATHER 2,964,471
EDMAN, CARL FREDERICK 2,965,866
ELC MANAGEMENT LLC 2,962,767
ELC MANAGEMENT LLC 2,962,929
ELC MANAGEMENT LLC 2,962,960
ELC MANAGEMENT LLC 2,962,962
ELC MANAGEMENT LLC 2,962,966
ELC MANAGEMENT LLC 2,964,763
ELI LILLY AND COMPANY 2,956,835
ELI LILLY AND COMPANY 2,963,318
ELI LILLY AND COMPANY 2,963,321
ELI LILLY AND COMPANY 2,963,473
ELI LILLY AND COMPANY 2,963,476
ELI LILLY AND COMPANY 2,963,683
ELI LILLY AND COMPANY 2,964,140
ELMIEH, BABACK 2,965,190
ELMINDA LTD. 2,965,615
EMORY UNIVERSITY 2,966,033
ENDOCYTE, INC. 2,962,440
ENDRISS, PHILIP 2,965,229
ENGBLOM, JOHAN 2,965,785
ENGELS, BORIS 2,961,636
ENVIROLOGIX INC. 2,965,657
EOG RESOURCES, INC. 2,965,992
EOS ENERGY STORAGE, LLC 2,963,083
EQUINOX HOLDINGS, INC. 2,962,789
ERATECH S.R.L. 2,962,531
ERHEL, PHILIPPE 2,962,428
ERHEL, PHILIPPE 2,962,585
ERISMANN, FERNANDO 2,965,990
ERSKINE, JASON 2,961,987
ESCRIBA RUIZ, PABLO VICENTE 2,965,047
ESCUDIE, MATHILDE 2,966,054
ESHOO, MARK W. 2,965,500
ETABLISSEMENTS CHALON MEGARD 2,960,228
EVANS, JOHN G. 2,962,843
EVOLVE BIOSYSTEMS INC. 2,965,663
EVONIK DEGUSSA GMBH 2,954,866
EVONIK DEGUSSA GMBH 2,962,507
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,963,782
FACEBOOK, INC. 2,965,190
FAGERTUN, KONRAD 2,965,730
FALES, KEVIN ROBERT 2,964,140
FALKJAR, DAVID 2,965,711
FAN, ZHENGQIN 2,965,672
FANG, XIN 2,965,715
FARVACQUE, BENOIT GUILLAUME 2,965,389
FBM INDUSTRIA FARMACEUTICA LTDA. 2,966,060
FELLOW, INC. 2,965,672
FERRY, MICHAEL 2,965,707
FIGULLA, HANS REINER 2,961,837
FINJAN, TALAL 2,964,763
FISHER, MATTHEW JOSEPH 2,963,318
FISHER, MATTHEW JOSEPH 2,963,321
FISKERUD, PETTER A. 2,965,666
FITCH, JAMES R. 2,965,988
FITZGIBBON, PATRICK DAVID 2,962,606
FLAMINGO VENTURES PTY LTD 2,965,846
FLASKO, MICHAEL J. 2,964,483
FOG, JACOB ULRIK 2,965,732
FORMAN, STEPHEN J. 2,961,654
FOROUGHI, PEZHMAN 2,965,842
FOROUGHI, PEZHMAN 2,965,850
FORSTNER, BERNHARD 2,965,369
FOX, WILLIAM ALAN 2,962,365
FRANKE, MANFRED 2,965,186
FREDRIKSSON, SARAH 2,962,119
FREED, DARREN 2,965,400
FREEMAN-SHARKEY, SAMARA 2,965,663
FRENETTE, STEPHAN 2,965,991
FRIEDRICH, STEVEN GEORGE 2,962,792
FRIEDRICH, STEVEN GEORGE 2,962,807
FRIMPONG, GEORGE K. 2,965,666
FRIMPONG, KWAME 2,964,140
FRISCH, MATTHIAS 2,966,045
FRITZKE, JAY 2,962,445
FUJIEDA, HIROAKI 2,965,776
FUJIOKA, SHINGO 2,965,804
FUJIOKA, TAKASHI 2,965,605
FUJISAWA, AKITOSHI 2,965,772
FUJITA, SHOICHIRO 2,965,949
FUJITSU LIMITED 2,965,897
FUJITSU LIMITED 2,965,947
FULL SPECTRUM LABORATORIES LIMITED 2,959,283
FUNKHOUSER, GARY P. 2,965,620
FUSS, FRANZ KONSTANTIN 2,965,704
GABOR, PHILIP MICHAEL 2,965,680
GADOT, RONEN 2,965,615
GALAPAGOS NV 2,965,981
GALAPAGOS NV 2,966,023
GALLAGHER, WILLIAM 2,961,725
GALLIANO, CLINTON CHERAMIE 2,965,916
GAMBHIR, KABIR 2,965,974
GAMMO, ANGELA 2,965,846
GANESAN, KUMARAVELU 2,966,054
GARATE, EUSEBIO 2,965,682
GARNIER-AMBLARD, ETHEL 2,966,033
GARRETT, DAVID 2,966,054
GARVAN INSTITUTE OF MEDICAL RESEARCH 2,965,849
GAUVRY, NOELLE 2,963,472
GAZENDAM, JURJEN 2,965,812
GE OIL & GAS ESP, INC. 2,961,631
GE OIL & GAS PRESSURE CONTROL LP 2,965,297
GE, CHUANSHENG 2,966,038
GEA WIEGAND GMBH 2,965,864
GEBO CERMEX CANADA INC. 2,965,877
GEICO S.P.A. 2,954,843
GENERAL ELECTRIC COMPANY 2,965,338
GENIN, MICHAEL JAMES 2,963,683
GENIX DEVELOPPEMENT 2,966,006
GENOVIS AB 2,962,119
GENZYME CORPORATION 2,961,523
GEORGAKIS, GEORGIOS 2,962,748
GERAGHTY, SANDRA D. 2,961,715
GERARD, STEPHANE 2,963,705
GEVA, AMIR B. 2,965,615
GHORASHIAN, NAVID 2,965,811
GIANNIS, PETER M. 2,965,664
GIESSELER, MAREIKE 2,962,507
GILMORE, EVAN DANIEL 2,965,992
GISH, KURT C. 2,966,005
GLANDORF, WILLIAM MICHAEL 2,964,159
GLANDORF, WILLIAM MICHAEL 2,964,188
GLICK BIELER, JOAN 2,961,749
GOEBEL, THOMAS 2,963,472
GOH, YUN PEI SHARON 2,965,627
GOH, YUN PEI SHARON 2,965,960
GOKCE, SERTAN KUTAL 2,965,811
GOLDENBERG, DAVID M. 2,965,665
GONZALEZ, ALFONSO 2,965,593
GOODBABY CHILD PRODUCTS CO., LTD 2,965,844
GOODMAN, JESSE 2,965,710
GORE, JEFF 2,965,705
GOSLIN, JOHN 2,959,535
GOTA, HIROSHI 2,965,682
GOVINDAN, SUBRAMANIAN 2,961,694

GRAVE, EDWARD J. 2,963,782
GRAVES, WALTER VARNEY ANDREW 2,965,916
GRAY, NATHANAEL S. 2,965,178
GREALISH, KEVIN 2,964,483
GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI 2,966,031
GREENE, MARVIN I. 2,963,972
GREENING, DOUG CHRISTIAN 2,955,924
GREGERSEN, HANS 2,965,574
GRIMM, MICHAEL 2,965,382
GUIOT, CHRISTIAN 2,957,158
GUNDBERG, TOMAS 2,965,718
GUNDLING, GERARD 2,965,500
GUO, JONG 2,965,648
GUO, LINING 2,965,874
GURNEY, AUSTIN L. 2,966,042
H2SAFE, LLC 2,965,631
HAGER, GREGORY DONALD 2,965,842
HAGER, GREGORY DONALD 2,965,850
HAGHSHENAS, ARASH 2,965,622
HAHM, HEUNG SIK 2,961,694
HALL, BRENDAN 2,965,856
HALLIBURTON ENERGY SERVICES, INC. 2,962,843
HALLIBURTON ENERGY SERVICES, INC. 2,965,618
HALLIBURTON ENERGY SERVICES, INC. 2,965,620
HALLIBURTON ENERGY SERVICES, INC. 2,965,622
HALLIBURTON ENERGY SERVICES, INC. 2,965,628
HALLIBURTON ENERGY SERVICES, INC. 2,965,630
HALLIBURTON ENERGY SERVICES, INC. 2,965,783
HALLIBURTON ENERGY SERVICES, INC. 2,965,787
HALLIBURTON ENERGY SERVICES, INC. 2,965,794
HALLIBURTON ENERGY SERVICES, INC. 2,965,909
HALLIBURTON ENERGY SERVICES, INC. 2,965,916
HALLIBURTON ENERGY SERVICES, INC. 2,965,966
HALLIBURTON ENERGY SERVICES, INC. 2,965,989
HALSE, JOEL 2,965,711
HALVORSEN, HAVARD 2,965,730
HAN, XIAOFENG 2,965,608
HAN, XIAOFENG 2,965,617
HANCOCK, CHRISTOPHER PAUL 2,964,663
HANES, JUSTIN SCOT 2,957,764
HANWHA AZDEL, INC. 2,965,969
HARBOE, HENRIK 2,965,718
HARDWARE AND GLASS GROUP PTY LIMITED 2,962,407
HARLESS, MICHAEL 2,965,625
HARPHAM, LEWIS FREETH 2,966,114
HARRIS, STEPHEN HERBERT 2,962,604
HARRIS, ZACHARY STRACHAN 2,966,114
HARSCO TECHNOLOGIES LLC 2,962,436
HARSCO TECHNOLOGIES LLC 2,962,439
HARSCO TECHNOLOGIES LLC 2,962,820
HARVEY INDUSTRIES CO., LTD. 2,965,847
HASEGAWA, HIROAKI 2,966,112
HASSAN, MAHMOUD 2,965,702
HAY, RICHARD T. 2,962,843
HE, TOM 2,964,142
HE, YAN 2,966,034
HE, ZHICHAO 2,966,031
HEEREN, TAMMO 2,959,668
HEGARTY, EVAN 2,965,811
HEGENER, JASON 2,965,990
HEIDRICH, PETER 2,965,664
HEIZER, ESLEY M., JR. 2,961,563
HENDERSON, RICHARD S. 2,962,445
HENINGER, MARK W. 2,964,483
HENNINGE, TOM ASLE 2,965,730
HENNINGS, ELIZABETH KELLY 2,962,789
HENON, ERIC 2,963,705
HENRY, JAMES ROBERT 2,963,473
HEO, JUN YOUNG 2,963,371
HERSKOVIC, ARNOLD 2,965,683
HESS, JOE E. 2,965,622
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. 2,965,856
HFI INNOVATION INC. 2,965,720
HI FIDELITY GENETICS LLC 2,966,045
HINATA, YU 2,965,781
HIRAMINE, YASUSHI 2,965,609
HIRAOKA, KAZUTAKA 2,966,112
HIRATA, KEI 2,965,602
HISHTIL LTD 2,966,105
HITACHI METALS, LTD. 2,965,607
HITCHINGS, DAVID 2,962,789
HOCH, SASCHA 2,962,507
HODI, F. STEPHEN 2,966,040
HODSON, JONATHAN K. 2,965,996
HODSON, SIMON K. 2,965,996
HOEGER, MICHAEL VINCENT 2,962,769
HOEY, TIMOTHY CHARLES 2,966,042
HOFSETZ, CHRISTIAN 2,964,471
HOLDBROOK, MARK JEFFREY 2,965,186
HOLFELD, JOHANNES 2,965,382
HOLGATE, BEN CALVIN 2,965,297
HOLLOWAY, WILLIAM GLEN 2,963,683
HOLTE, HANS RASMUS 2,965,422
HONMA, MASATO 2,965,605
HOOVER, SCOTT 2,965,831
HOPPE, RON 2,965,625
HORIE, NAOHIRO 2,965,606
HORSFALL, ANDREW 2,962,445
HOU, JINGQIANG 2,965,841
HOUCHIN, MARY 2,965,678
HOULE, MATHIEU 2,965,758
HOWELL, JOSEPH 2,964,514
HPVVAX, LLC. 2,965,498
HRYSHKO, LARRY 2,965,400
HU, SHUFENG 2,966,031
HU, XU 2,961,733
HU, YAOMING 2,966,034
HUA, YI 2,965,847
HUANG, MENG 2,965,411
HUANG, XIAO YI 2,965,702
HUANG, XIAOQING 2,966,031
HUAWEI TECHNOLOGIES CO., LTD. 2,965,575
HUAWEI TECHNOLOGIES CO., LTD. 2,965,715
HUGI, REUVEN 2,965,915
HUSS, FREDRIK 2,965,860
HUXHAM, HORATIO NELSON 2,964,312
HWANG, YUN HA 2,964,735
ICESUN VACUUM GLASS LTD. 2,966,027
IDAMAKANTI, NEERAJA 2,961,636
IDENTIFOR, INC. 2,965,809
IHI CORPORATION 2,965,607
IKADA, AKIRA 2,965,606
IKENOGAMI, TAKU 2,965,804
IKS CO., LTD. 2,966,112
ILLINOIS TOOL WORKS INC. 2,961,906
ILLINOIS TOOL WORKS INC. 2,961,909
ILLINOIS TOOL WORKS INC. 2,961,919
ILLINOIS TOOL WORKS INC. 2,962,450
ILLINOIS TOOL WORKS INC. 2,962,475
ILLINOIS TOOL WORKS INC. 2,962,481
ILLINOIS TOOL WORKS INC. 2,962,769
IMAI, TAKASHI 2,966,112
IMMUNOMEDICS, INC. 2,965,665
INDIANA UNIVERSITY RESEARCH & TECHNOLOGY CORPORATION 2,965,827
INNOVATIVE BUSINESS AND MEDICAL SOLUTIONS 2,966,057
INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE) 2,963,705
INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,965,714
INTEGRATED SURGICAL LLC 2,965,504
INTERRA ENERGY SERVICES LTD. 2,965,854
INTERVET INTERNATIONAL B.V. 2,961,987
INTEX HOLDINGS PTY LTD 2,966,046
INTEX HOLDINGS PTY LTD 2,966,050
INVUITY, INC. 2,965,990
IOANNIDES, TIM 2,965,498
IOMET PHARMA LTD 2,965,741
ISHIHARA SANGYO KAISHA, LTD. 2,965,466
ISRA-JUK ELECTRONICS LTD. 2,965,768
ITALCEMENTI S.P.A. 2,963,065
JAASKELAINEN, MIKKO 2,965,628

JACKSON, JAMES 2,965,504
JACOBS, MATTHEW 2,962,789
JACQUOT, ERIC 2,965,092
JAEGER, TALBOT 2,966,000
JAIS, ALEXANDRE 2,965,190
JAMES, CHRISTOPHER MICHAEL 2,965,992
JANG, BO KO 2,963,371
JANKO, PAVEL 2,962,632
JANSSEN VACCINES & PREVENTION B.V. 2,960,092
JANSSEN VACCINES & PREVENTION B.V. 2,960,096
JAPAN TOBACCO INC. 2,965,804
JARAMILLO FREYDELL, GABRIEL ESTEBAN 2,961,573
JENNINGS, CLIFFORD ALLEN 2,965,784
JENNINGS, CLIFFORD ALLEN 2,965,789
JENSEN, BRIAN 2,965,679
JEON, JI HYUN 2,964,735
JEREZ, HERNANDO 2,962,843
JGC CORPORATION 2,966,112
JIANG, GUANGQIANG 2,964,142
JIANG, XUCHU 2,965,841
JIANGSU HENGRUI MEDICINE CO., LTD. 2,965,716
JIAO, WANCHUN 2,965,406
JO, KWANG RYONG 2,961,553
JO, SEON MI 2,963,371
JOGUN, SUZANNE 2,965,702
JOHNSON, BRUCE D. 2,965,790
JONAS, GARY 2,965,980
JONES, PAUL JOSEPH 2,965,620
JONES, TAUREAN A. 2,964,483
JT INTERNATIONAL SA 2,962,821
JU, EUN JI 2,963,371
JUNE, CARL H. 2,961,636
JUNE, CARL H. 2,966,035
JURONG SHIPYARD PTE LTD. 2,966,003
JURONG SHIPYARD PTE LTD. 2,966,018
JURONG SHIPYARD PTE LTD. 2,966,036
KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.) 2,965,772
KADOR, PETER F. 2,963,145
KAIDA, HIDETOSHI 2,965,949
KAKINUMA, KAZUHIKO 2,965,607
KAKIZAKI, NOBUO 2,966,112
KAMAE, TOSHIYA 2,965,604
KAMAT, RAJEEV G. 2,962,629
KAMPEN, TED HENRI WILFRED CORNELIUS 2,962,831
KANBARA, HIROSHI 2,965,602
KANG, YONG KOO 2,963,371
KANGPU BIOPHARMACEUTICALS, LTD. 2,966,038
KARAMPELAS, BASIL 2,966,022
KAROLEWICS, STEPHEN 2,964,471
KASSAB, GHASSAN, S. 2,965,574
KASTINEN, HENRI 2,965,757
KAZA, SIVAPRIYA 2,965,672
KELLEHER, BRIAN S. 2,965,974
KELLY, BENJAMIN J. 2,965,988
KEMIRA OYJ 2,965,693
KENNEDY, ADAM 2,965,874
KERN, MAGDALENA 2,962,507
KETER PLASTIC LTD. 2,962,888
KEULEERS, ROBBY RENILDE FRANCOIS 2,962,792
KHAN, GOLAM FARUQUE 2,964,159
KHAN, GOLAM FARUQUE 2,964,188
KHO, TIMOTHY JEREMIAH 2,965,867
KICZUN, MICHAEL 2,965,741
KIERAN MURPHY LLC 2,964,551
KILGALLON, WILLIAM 2,965,735
KIM, DAE HYUN 2,965,500
KIM, DONG JIN 2,963,371
KIM, HAN K. 2,966,005
KIM, JIN KOUNG 2,962,500
KIM, KWANG HYUN 2,964,735
KIM, YOEN JOO 2,965,678
KIM, YUN KYUNG 2,963,371
KINOSHITA, SHIGERU 2,965,770
KJELDSEN, OLE 2,965,718
KLOTZ, FRANCK 2,965,877
KLOX TECHNOLOGIES INC. 2,966,010
KOENIG, JOHN R. 2,965,981
KOEPPEL, ADAM R. 2,965,668
KOIZUMI, NORIKO 2,965,770
KOJIMA, EIICHI 2,965,781
KONINKLIJKE NEDERLANDSE AKADEMIE VAN WETENSCHAPPEN 2,961,750
KONRAD, MATTHIAS 2,965,229
KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY 2,963,371
KORYCKI, JACEK A. 2,964,461
KOSA, MATYAS 2,962,604
KOSA, MATYAS 2,962,606
KOSE, SADI 2,962,640
KOSEKI, SHUHO 2,965,607
KOSTER, NICHOLAS A. 2,965,957
KRANTZ, JAMES 2,964,471
KRISHNA, VARUN 2,965,672
KRISTANI, FILIP 2,966,098
KRISTJANSSON, SEAN 2,966,043
KRUPINSKI, JOHN 2,965,502
KRYSTOWSKI, ADAM 2,962,984
KRZYMIEN, LUKASZ 2,965,575
KUANG, JIN-QIANG 2,961,715
KUBE, MICHAEL 2,954,866
KUKLISH, STEVEN LEE 2,963,318
KUKLISH, STEVEN LEE 2,963,321
KULKARNI, PALLAVI 2,962,808
KUPIEC, RONALD A. 2,965,666
KURARAY CO., LTD. 2,965,602
KUWAHARA, ATSUSHI 2,965,609
KWOK, THOMAS 2,965,898
KWOK, THOMAS 2,965,963
KYLE, DAVID 2,965,663
KYM, PHILIP R. 2,965,981
KYM, PHILIP R. 2,966,023
KYOTO PREFECTURAL PUBLIC UNIVERSITY CORPORATION 2,965,770
L.O.M. LABORATORIES INC. 2,965,712
LABEQUE, REGINE 2,962,792
LABEQUE, REGINE 2,962,807
LABRECQUE, GABRIEL 2,965,991
LACHAPELL, ANDREW 2,965,648
LAI, STEPHEN 2,966,043
LAMBERT, CLAUDE J. 2,965,666
LANDMARK GRAPHICS CORPORATION 2,965,645
LANDMARK GRAPHICS CORPORATION 2,965,867
LANDMARK GRAPHICS CORPORATION 2,965,871
LANGHOFF, BRIAN REUBEN 2,962,365
LANIGAN, FIONA 2,961,725
LANTHEUS MEDICAL IMAGING, INC. 2,965,851
LAPASSAT, CLAIRE 2,959,108
LARSEN, BJARNE DUE 2,965,732
LAUTEN, ALEXANDER 2,961,837
LAWRENCE, JOSEPH C. 2,965,852
LAWS, KEVIN 2,965,707
LAWSON, ROBERT CECIL 2,962,640
LAWTON, KAY A. 2,965,874
LAZAREV, PAVEL, IVAN 2,965,870
LE, JAMES 2,961,631
LEAD DISCOVERY SIENA S.R.L. 2,965,734
LEAMON, CHRISTOPHER PAUL 2,962,440
LEE, CHANGJOON JUSTIN 2,963,371
LEE, DAVID M. 2,962,792
LEE, DAVID M. 2,962,807
LEE, HYUN YONG 2,964,735
LEE, JEANNIE T. 2,966,044
LEE, STEPHEN 2,965,658
LEE, WEN-CHERNG 2,966,038
LEEFLANG, ELISABETH JACQUES 2,965,504
LEHTINEN, ANTTI 2,962,499
LEVEL 3 COMMUNICATIONS, LLC 2,965,852
LEVY, DANIEL E. 2,961,628
LEVY, DANIEL E. 2,961,630
LEWDEN, BENOIT 2,965,710
LEWINSON, SHARON 2,966,009
LEWINSON, TOM 2,966,009
LEWIS, NAVIN 2,965,702
LEWIS, SCOTT 2,965,183
LEXISNEXIS, A DIVISION OF REED ELSEVIER INC. 2,965,735
LI, JINGJING 2,966,040
LI, XINNING 2,965,847
LIANG, YAOXIANG 2,966,031
LIANG, YUYING 2,961,913
LIAO, BAISONG 2,966,038
LICHTER, SAMANTHA 2,966,054
LIFE ROBOTICS INC. 2,965,773
LIFE TECHNOLOGIES CORPORATION 2,965,195
LIMA, ELIANA MARTINS 2,966,060
LIN, LIANGCAI 2,966,034
LINDER, FREDRIK 2,964,331
LIPOVSEK, DASA 2,965,502

LIU, BO 2,965,981
LIU, BO 2,966,023
LIU, SHAN 2,965,720
LIU, XIAOJUN 2,966,035
LOBERG, BARRIE A. 2,964,514
LOEW, ANDREAS 2,961,636
LOGALBO, JOHN 2,962,767
LOHR ELECTROMECANIQUE 2,956,495
LONERGAN, SHAUN 2,965,874
LOOKER DATA SCIENCES, INC. 2,965,831
LOUDIN, JAMES DONALD 2,965,186
LOUPIS, NIKOLAOS 2,966,010
LOVIN, JAMES W. 2,966,015
LOVORN, JAMES RANDOLPH 2,965,620
LOW, JIANRONG LIONEL 2,965,623
LOWE, JARED 2,965,658
LU, YANG 2,964,369
LUBRIZOL ADVANCED MATERIALS, INC. 2,962,808
LUMMUS TECHNOLOGY INC. 2,963,972
LUO, LIXIA 2,957,764
LUO, YANZAN 2,966,031
LUO, YUPING 2,965,693
LY, HINH 2,961,913
LYNG DRILLING AS 2,965,955
MA, FUSHENG 2,965,844
MACHINE ZONE, INC. 2,964,331
MACY, PATRICK 2,965,693
MADEJ, PIOTR 2,966,014
MAEDA, KATSUYA 2,965,804
MAGEREN, OLIVIER 2,965,966
MAGGI, LORETTA 2,962,531
MAGUIRE, MICHAEL 2,965,509
MAIDECCHI, ANNA 2,965,911
MAJEED, MUHAMMED 2,934,156
MAKELA, HANNU 2,962,499
MALADEN, RYAN DOMINIC 2,957,422
MANCEBO, RICARDO 2,965,661
MANNINEN, PETER RUDOLPH 2,963,321
MANNING, ANTHONY 2,965,957
MARANO, GIUSEPPE CARLO 2,963,065
MARBLE, HERBERT A. 2,965,500
MARECEK, JAMES 2,965,898
MARECEK, JAMES 2,965,963
MARK, CATHERINE CROWE 2,962,789
MARKOV, DENIS 2,962,632
MARRETO, RICARDO NEVES 2,966,060
MARRIOTT, RAYMOND 2,962,322
MARSH, RANDALL GLENN 2,963,244
MARSH, STEPHEN ALAN 2,965,519
MARSON, PAUL DAVID 2,966,114
MARSTELLER, THOMAS ALAN 2,963,476
MARTIN, CHRISTOPHER 2,965,811
MASCORRO MEDINA, MARCO O. 2,965,672
MASLAK, JOEL C. 2,965,852
MATSUMOTO, YUKITO 2,965,949
MATTS, PAUL JONATHAN 2,964,012
MATUS, ERIC ROBERT 2,965,992
MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V. 2,961,694
MAXWELL, COLIN TREVOR 2,955,924
MAY, PATRICK CORNELIOUS 2,956,835
MAZARIEGOS, LUIS AUGUSTO 2,962,385
MC10, INC. 2,965,658
MCBRIDE, WILLIAM J. 2,965,665
MCCOWAN, JEFFERSON RAY 2,964,140
MCCRACKEN, CALLUM 2,965,572
MCDONALD, THOMAS 2,965,666
MCEVOY, TRAVIS KYLE 2,965,297
MCGUINNESS, PALMER 2,962,767
MCKENNA, LINDA 2,962,767
MCKENZIE, WARREN 2,965,707
MCLARTY, TODD MICHAEL 2,962,606
MCLEISH, GARY C. 2,965,666
MCMILLAN, NANCY J. 2,961,563
MEDIMMUNE, LLC 2,965,678
MEDIZINISCHE UNIVERSITAT INNSBRUCK 2,965,382
MEFFIN, HAMISH 2,966,054
MEINCKE, OLAF 2,965,969
MEISTER, PETE 2,962,585
MELCHINGER, ALBRECHT 2,966,045
MENARD, CHRISTOPHER MICHAEL 2,965,297
MENG, SILI 2,966,030
MERCADO, CLARA 2,962,767
MERCATI, VALENTINO 2,965,911
MERCER, TIMOTHY 2,965,849
MERGOTT, DUSTIN JAMES 2,956,835
METABOLON, INC. 2,965,874
METZGER, ANDREW 2,952,960
MEZGHEBE, TESFU 2,965,678
MICHEDO, IRENA 2,965,915
MICHELIN RECHERCHE ET TECHNIQUE S.A. 2,962,640
MICROSOFT TECHNOLOGY LICENSING, LLC 2,964,461
MICROSOFT TECHNOLOGY LICENSING, LLC 2,964,471
MICROSOFT TECHNOLOGY LICENSING, LLC 2,964,483
MILBURN, MICHAEL V. 2,965,874
MILLER, GARY FRANKLIN 2,962,924
MILLS, DAVID 2,965,663
MILONE, MICHAEL C. 2,961,636
MILOV, PETER 2,964,458
MIN, SUN JOON 2,963,371
MINARD-SMITH, ANGELA T. 2,961,563
MINDBODY, INC. 2,965,183
MINNOVARE LIMITED 2,965,572
MINSKOFF, NOAH MARK 2,965,504
MITSUBISHI CHEMICAL CORPORATION 2,965,802
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,965,606
MITSUBOSHI BELTING LTD. 2,965,779
MJN U.S. HOLDINGS LLC 2,961,879
MOHAMMADI, FATEMEH 2,962,929
MOHAMMADI, FATEMEH 2,962,960
MOHAMMADI, FATEMEH 2,962,962
MOHAMMADI, FATEMEH 2,962,966
MOLFETTA, MARCELLO ANTONIO 2,963,065
MOLLOY, STEPHEN ARTHUR 2,964,303
MOLONEY, STEVEN JOHN 2,962,855
MONDAL, SUDIP 2,965,811
MONTENS, SERGE 2,959,137
MONTERO, JUAN 2,960,690
MOORE, LUCAS 2,965,693
MORBI, ALESSANDRO 2,963,065
MORCO, STEPHANIE 2,965,679
MORGAN, RONNIE GLEN 2,965,620
MORI, KATSUHIRO 2,965,610
MORIN, PAUL E. 2,965,502
MORISHITA, KANA 2,965,607
MORREALE, SERGE RENE 2,965,389
MORSE, DANIEL 2,962,984
MORSEY, MOHAMAD 2,961,987
MOSBY, NICOLE ANNETTE 2,964,012
MOSER, RUDIGER 2,961,278
MOSS, BERNARD 2,962,100
MOSSLEIN, MONIKA 2,965,864
MOU, TSUNG-WEI ROBERT 2,962,929
MOU, TSUNG-WEI ROBERT 2,962,960
MOU, TSUNG-WEI ROBERT 2,962,962
MOU, TSUNG-WEI ROBERT 2,962,966
MOUSAVI, MIRRASOUL J. 2,965,666
MTD PRODUCTS INC 2,962,984
MUKHERJEE, RANJAN 2,965,502
MUKHERJEE, UJJAL K. 2,963,972
MULTI-CHEM GROUP, LLC 2,965,625
MURPHY, KIERAN P. 2,964,551
MURRIEL, CHRISTOPHER LAMOND 2,966,042
NAGURA, KENJI 2,965,772
NAKAMURA, MAKOTO 2,965,802
NAKAMURA, MICHIHARU 2,965,947
NAM, MIN HO 2,963,371
NANCHEN, STEVE 2,963,472
NANT HOLDINGS IP, LLC 2,958,478
NANTOMICS, LLC 2,958,478
NATIONAL ICT AUSTRALIA LIMITED 2,966,054
NAUD, JEAN-LUC 2,966,006
NAUMOVSKI, LOUIE 2,966,005
NCS MULTISTAGE INC. 2,960,690
NEILL, JAMES R. 2,965,819
NELSON, ANDREW D. 2,961,906
NELSON, ANDREW D. 2,961,909
NELSON, ANDREW D. 2,962,450
NELSON, ANDREW D. 2,962,475
NELSON, MELISSA 2,962,440
NELTNER, BRIAN 2,965,737
NESS, ERIK D. 2,965,856
NESTEC S.A. 2,957,153
NESTEC S.A. 2,957,158
NETZ, AMIR 2,964,483
NGUYEN, BINH 2,962,440
NGUYEN, NHUNG TUYET 2,965,851
NGUYEN, PHUC VAN 2,962,789
NIDERBERG, ALEX L. 2,965,668
NILSEN, PAAL JAHRE 2,965,422
NISSAN MOTOR CO., LTD. 2,965,901

NISSAN MOTOR CO., LTD. 2,966,107
NJOROGE, FRANK GEORGE 2,964,140
NLINK AS 2,965,730
NOGUCHI, MASATO 2,965,804
NOLAX AG 2,965,969
NORREGAARD, PIA 2,965,732
NORSK HYDRO ASA 2,965,955
NORTHROP GRUMMAN SYSTEMS CORPORATION 2,962,467
NOVARTIS AG 2,959,668
NOVARTIS AG 2,961,636
NOVARTIS TIERGESUNDHEIT AG 2,963,472
NOVAWURKS, INC. 2,966,000
NOVELIS INC. 2,962,629
O'CONNELL, BRIAN 2,965,601
O'DEA, SHIRLEY 2,965,509
O'HAYON, DAVID 2,966,010
O'REGAN, ALAN JOSEPH 2,964,312
OBEYESEKERE, NIHAL 2,962,751
OBEYESEKERE, NIHAL 2,962,753
OCEANEEERING INTERNATIONAL, INC. 2,965,784
OCEANEERING INTERNATIONAL, INC. 2,965,789
OCULEVE, INC. 2,965,186
ODA, SHUNYA 2,965,949
OELKE, MATHIAS 2,961,749
OGOSHI, YOSUKE 2,965,804
OH, HSUEH LING JANICE 2,965,623
OH, HSUEH LING JANICE 2,965,627
OH, HSUEH LING JANICE 2,965,960
OHKI, ISAO 2,919,351
OILES CORPORATION 2,965,949
OKAMOTO, HIROYUKI 2,965,466
OKAMURA, ALLISON MARIKO 2,965,850
OKUMURA, NAOKI 2,965,770
OKUNO, TAKASHI 2,965,772
OLDENBURG, PAUL D. 2,963,782
OLSSON, FREDRIK 2,962,119
ONCOMED PHARMACEUTICALS, INC. 2,966,042
ORIGINAL G B.V. 2,965,812
ORTHOBOND, INC. 2,965,670
OSIRIS THERAPEUTICS, INC. 2,961,715
OSORIO, JORGE E. 2,965,994
OTERA, ISSEI 2,965,607
OTTER, MICHAEL 2,965,435
OWEN, THOMAS EDWARD 2,962,767
OWENS, JANE GRANVILLE 2,963,476
OZAKI, TSUNEYUKI 2,965,714
PACZESNY, SOPHIE 2,965,827
PADUBRIN, HARRY FRIEDBERT 2,965,739
PAE, AE NIM 2,963,371
PALAN, SAURABH 2,965,190
PALOVA, JELINKOVA LENKA 2,964,229
PALRAM INDUSTRIES (1990) LTD. 2,965,915
PAN, HUIZI 2,965,847
PAN, QING 2,957,764
PARAMESWARAPPA, SHARAVATHI GUDDEHALLI 2,961,694
PARDO, EVELYN 2,965,593
PARDO, JANET 2,962,767
PARIS, NATHAN 2,965,705
PARISELLA, CHIARA 2,962,182
PARK, INKYUNG 2,966,042
PARK, KI DUK 2,963,371
PARMANTIER, CLAUDE 2,957,158
PARTRIDGE, KATHERINE MARIE 2,963,318
PARTRIDGE, KATHERINE MARIE 2,963,321
PASON SYSTEMS CORP. 2,966,043
PATEL, CHIRAG 2,962,789
PAU, MARIA GRAZIA 2,960,092
PEACOCK, ANDREW J. 2,964,483
PECHAN, PETER 2,961,523
PEET, RICHARD 2,959,283
PEISSIS, EDWIN 2,966,028
PENDERS, JULIEN 2,965,756
PENG, HSIAO-HU 2,962,467
PEREIRA, CLANEY LEBEV 2,961,694
PERI GMBH 2,965,229
PERICA, KARLO 2,961,749
PEROV, ALEXANDER 2,965,824
PERRET, JEAN-LUC 2,963,472
PERRI, ALON 2,966,105
PERROTTA, PASQUO 2,965,758
PETERS, MARJO 2,965,678
PETERSON, MATT MAHER 2,965,674
PETERSON, SEAN 2,965,980
PETROV, ALEXANDER 2,965,792
PEYTON, KIM B. 2,965,673
PHILLIPS, RICHARD C. 2,965,499
PIALI, LUCA 2,964,616
PICULELL, MARIA 2,962,314
PIERGALLINI, REMIGIO 2,966,010
PIKOVSKY, CATHERINE 2,965,389
PIONEER HI-BRED INTERNATIONAL, INC. 2,961,733
PLANT HEALTH CARE, INC. 2,962,945
POLAT, OSMAN 2,957,422
PONTIFICIA UNIVERSIDAD CATOLICA DE CHILE 2,965,593
POWERBYPROXI LIMITED 2,966,114
PRAWER, STEVEN 2,966,054
PRECITEC GMBH & CO. KG 2,961,278
PRESNAIL, JAMES KEVIN 2,961,733
PREVACUS, INC. 2,961,628
PREVACUS, INC. 2,961,630
PRIEFER, RONNY 2,965,616
PRIETO, ALBERTO 2,965,666
PULS, CHRISTOPHER LEIGH 2,963,476
PUTVINSKI, SERGEI 2,965,682
PUZON, BARTLOMIEJ 2,964,331
PYROTEK, INC. 2,962,445
QIN, XIAOGANG 2,965,847
QINGDAO GOERTEK TECHNOLOGY CO., LTD. 2,965,411
QU, LIANGWEI 2,965,625
QU, LISA 2,962,929
QU, LISA 2,962,960
QU, LISA 2,962,962
QU, LISA 2,962,966
QUALCOMM INCORPORATED 2,964,303
QUALDOCS MEDICAL, LLC 2,965,499
QUANZHOU YIYANG TWINGO STATIONERY CO., LTD. 2,958,656
R.F.G. TRADING LTD. 2,965,886
RAINERT, KAREN 2,962,789
RAMSAY, TRAVIS ST. GEORGE 2,965,867
RAMSAY, TRAVIS ST. GEORGE 2,965,871
RANATUNGA, THAVIDU 2,965,672
RASTRELLI, LUCA 2,962,182
RAUSCH, JONATHAN MICHAEL 2,965,338
RECHES, AMIT 2,965,615
REDDY, JOSEPH ANAND 2,962,440
REEMERS, SANDRA 2,954,866
REGENTS OF THE UNIVERSITY OF MINNESOTA 2,961,913
REIDERMAN, ARCADY 2,965,794
REILLY, TIMOTHY P. 2,965,502
REKHTER, MARK DAVID 2,963,683
REMMERS, TOM 2,965,674
REN, PU 2,965,841
REN, SHUNLIN 2,962,500
RENDINA, MATTHEW C. 2,965,842
RENDINA, MATTHEW C. 2,965,850
RENMATIX, INC. 2,962,604
RENMATIX, INC. 2,962,606
RENMATIX, INC. 2,962,611
RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL 2,965,988
REXNORD INDUSTRIES, LLC 2,965,680
RHINEHART, EDWARD J. 2,965,817
RHINEHART, EDWARD J. 2,965,819
RICE, HUSTON W. 2,965,856
RICHARD, JEAN-CHRISTOPHE 2,965,092
RICHARDS, MICHAEL JOHN 2,965,713
RICHARDSON, KIM ARCHER 2,966,100
RICHARDSON, KIM ARCHER 2,966,102
RICOH COMPANY, LIMITED 2,965,608
RICOH COMPANY, LIMITED 2,965,617
RIDESHARK CORPORATION 2,966,009
RIGOLLOT, MARCEAU 2,965,092
RIKEN 2,965,609
RITTER, MATTHEW JOHN 2,963,476
RIZVI, SYED 2,964,763
ROBERTS, NICHOLAS JOHN 2,966,100
ROBERTS, NICHOLAS JOHN 2,966,102
ROBINSON, SIMON P. 2,965,851
ROCAMORA, YVAN 2,965,758
RODA, JULIE MICHELLE 2,966,042
RODRIGUEZ, ROBERT 2,965,898
RODRIGUEZ, ROBERT 2,965,963
ROOIJAKKERS, MICHIEL 2,965,756
ROOS, ULRICH 2,963,472
ROSE, MATTHEW W. 2,965,674
ROSENBLOOD, KENNETH LAWRENCE 2,965,139

ROSENKRANS, KELLY SHERN 2,963,476
ROUKENS, M. GUY 2,961,750
ROUNDY, KEVIN ALEJANDRO 2,964,301
ROWE, MATHEW DENNIS 2,965,916
ROY, JEAN-FRANCOIS 2,965,991
RUFTY, RYAN M. 2,965,669
RUSSELL, BRIAN 2,965,980
RUST, MICHAEL J. 2,965,616
RYALS, JOHN A. 2,965,874
SAFESHOOT LTD. 2,965,594
SAFRAN AIRCRAFT ENGINES 2,965,389
SAITO, YOSHIFUMI 2,965,466
SAKAI, TAKAYUKI 2,965,804
SALE, WILLIAM 2,966,019
SALEHI-BAKHTIARI, MANOUCHEHR 2,965,907
SAMBUSSETI, ANTONIO 2,962,027
SANDBERG, MAGDALENA WIDGREN 2,962,119
SANDERSON, CHARLES SEBASTIAN 2,962,606
SANDVIK INTELLECTUAL PROPERTY AB 2,962,523
SANDVIK MINING AND CONSTRUCTION OY 2,962,499
SANTANGELO, JOSEPH DAVID 2,965,994
SARMA, KAVITHA 2,966,044
SARTORI, PHILIPPE 2,965,575
SASAI, YOSHIKI (DECEASED) 2,965,609
SAUDI ARABIAN OIL COMPANY 2,962,953
SAVAGE, JOHN KEITH 2,965,909
SAVERY, MARK RYAN 2,965,618
SCARIA, ABRAHAM 2,961,523
SCARPA, CARL 2,959,535
SCHAD, ROBERT D. 2,965,390
SCHARTNER, QUINN W. 2,961,906
SCHARTNER, QUINN W. 2,961,909
SCHARTNER, QUINN W. 2,962,450
SCHARTNER, QUINN W. 2,962,475
SCHARTNER, QUINN W. 2,962,481
SCHECHTER, AMIR 2,965,594
SCHEER, DANIEL 2,956,495
SCHEIBY, DAVID 2,965,864
SCHELL, EDWARD 2,959,535
SCHENONE, SILVIA 2,965,734
SCHEPIS, ERIC A. 2,965,677
SCHIFFLER, MATTHEW ALLEN 2,963,321
SCHINAZI, RAYMOND F. 2,966,033
SCHMIDT, FRIEDRICH GEORG 2,954,866
SCHNECK, JONATHAN 2,961,749
SCHNEIDER, NICOLAS 2,962,556
SCHOLAR, WAYNE 2,965,809
SCHOLTEN, STEFAN 2,966,045
SCHONLEBER, MARTIN 2,961,278
SCHORDERET WEBER, SANDRA 2,963,472
SCHUELLER, JEREMY R. 2,965,666
SCHULTE, DORTE 2,961,750
SCHULTE-MERKER, STEFAN 2,961,750
SCHULTZ, THORSTEN 2,962,507
SCHUMANN, BENJAMIN 2,961,694
SCHWARTZ, BRIAN A. 2,962,481
SCHWEINITZER, GERD 2,962,827
SE-HO, KIM 2,965,670
SEARLE, XENIA B. 2,965,981
SEARLE, XENIA B. 2,966,023
SEEBERGER, PETER 2,961,694
SEEHUUS, HANS 2,965,955
SEIFERT, FELIX 2,966,045
SEKI, NORIYOSHI 2,965,804
SELA, ISAAC 2,965,768
SENJU PHARMACEUTICAL CO., LTD. 2,965,770
SENSIENT FLAVORS LTD 2,962,322
SENSORMATIC ELECTRONICS, LLC 2,965,991
SEONG, SEUNG KYOO 2,964,735
SEQUENT SOFTWARE, INC. 2,964,458
SGOBBA, SARA 2,963,065
SHADMI, MENACHEM 2,966,105
SHAFFER, DANIEL 2,965,657
SHARMA, GARGI 2,965,714
SHEEHAN, JEFFREY GLEN 2,957,422
SHELTON, PERNILLE TOFTENG 2,965,732
SHEN, LINGJIA 2,965,716
SHEPHERD, TIMOTHY ALAN 2,964,140
SHI, LIU 2,965,625
SHIDARA, AYA 2,962,767
SHIMOMURA, TSUYOSHI 2,965,897
SHINDENGEN ELECTRIC MANUFACTURING CO., LTD. 2,919,351
SHIONOGI & CO., LTD. 2,965,781
SHIOZAKI, MAKOTO 2,965,804
SHORR, ROBERT 2,965,671
SHORR, ROBERT 2,965,898
SHORR, ROBERT 2,965,963
SI, CHONG 2,964,140
SICILIA, ROBERTO D. 2,965,390
SIEGEL, ASHLEY 2,961,641
SIEGLER, ROBERT W. 2,965,851
SILVERMAN, EDWARD M. 2,962,467
SINCLAIR, S. MICHAEL 2,961,715
SINGH, KANWARPAL 2,965,714
SINHA, UTKARSH 2,965,672
SIRIUS XM RADIO INC. 2,959,535
SLOCUM, ALEXANDER H. 2,962,788
SMITH, ANDREW CHRISTOPHER 2,966,014
SMITH, CHRISTIAN 2,965,980
SMITH, DAVID AYRES BOWDEN 2,965,717
SMITH, KEITH B. 2,965,997
SMITH, KERRY LYNN 2,962,365
SMITH, LAURA 2,961,555
SMITH, SHELDON 2,964,514
SMOLDERS, GERARDUS JOHANNES FRANCISCUS 2,961,573
SOLOMON, KIM R. 2,965,673
SONG, HUIJUAN 2,961,636
SONG, HYO JUNG 2,963,371
SOON-SHIONG, PATRICK 2,958,478
SORIANO, NESTOR U. 2,965,673
SOTIO A.S. 2,964,229
SOUTHALL, TIMOTHY JAMES 2,952,998
SOVICELL GMBH 2,964,429
SOZA, ANDREA 2,965,593
SPENCE, JOHN SCOTT 2,962,407
SPICER, WADE 2,965,723
SPIJKERMAN, GEESJE KLASINA 2,962,831
SPISEK, RADEK 2,964,229
SPOGEN BIOTECH INC. 2,961,641
SPOHN, MICHAEL A. 2,965,817
SPOHN, MICHAEL A. 2,965,819
SRIDHAR, AARTHI 2,965,707
SRIVASTAVA, MINU K. 2,966,042
STACEY, ALASTAIR 2,966,054
STAINLESS OUTDOORS LIMITED 2,962,407
STANFILL, CRAIG W. 2,964,590
STARK, JOSEPH L. 2,965,673
STARK, WALTER J. 2,957,764
STAVINOHA, MACY 2,952,960
STEFANKO, JUSTIN MICHAEL 2,965,680
STEIGERWALD, ROBIN 2,960,092
STEIGERWALD, ROBIN 2,960,096
STEINHAUSER, ANDREW P. 2,963,782
STENNER, PATRIK 2,962,507
STEPOVOY, BIATA 2,965,915
STERN, YAKI 2,965,615
STEVENS, BENJAMIN 2,965,435
STINCHCOMB, DAN THOMAS 2,965,994
STOBER, PAUL 2,957,158
STOLKA, PHILIPP JAKOB 2,965,842
STOLKA, PHILIPP JAKOB 2,965,850
STORA ENSO OYJ 2,965,757
STORM, CHRISTINA 2,964,483
STOUPIS, JAMES 2,965,666
STRATOSPHERE, INC. 2,965,790
STRONG INDUSTRIES, INC. 2,965,723
SUBRAMANYAM, RAVI 2,965,702
SULLIVAN, ELIZABETH D. 2,965,666
SUMITOMO CHEMICAL COMPANY, LIMITED 2,965,609
SUMITOMO DAINIPPON PHARMA CO., LTD. 2,965,609
SUN, HUAZHONG 2,965,847
SUN, MINGYANG 2,959,283
SUN, PIAOYANG 2,965,716
SUN, SIWEN 2,964,471
SURDENAS, JONAS 2,965,631
SUWA, KATSUNORI 2,965,804
SVENDSEN, CLIVE 2,966,029
SVENSSON, BIRGITTA 2,965,785
SWENSEN, JAMES S. 2,965,996
SWINBURNE UNIVERSITY OF TECHNOLOGY 2,965,704
SYMANTEC CORPORATION 2,964,301
SYNTHOMER USA LLC 2,965,648
SYSTRA 2,959,108
SYSTRA 2,959,137
TABB, LLOYD 2,965,831
TAKAGI, HITOSHI 2,965,772
TAKAHASHI, MASAYO 2,965,609
TAKAHASHI, SHINJI 2,966,112
TAKEDA VACCINES, INC. 2,965,994

TALAGANI, MOHAMAD REZA 2,965,631
TALMA, AUKE GERARDUS 2,962,831
TAMURA, EIKI 2,965,779
TAN, HWEE CHING 2,965,623
TANAKA, KAZUMI 2,965,776
TANAKA, YOSHINORI 2,965,897
TANAKA, YOSHINORI 2,965,947
TANAKA, YUTA 2,965,607
TANG, CHUQIANG 2,966,034
TANIMURA, YASUAKI 2,965,604
TARPEY, IAN 2,961,987
TATE, MARTHA 2,965,677
TATSUNO, HIROTO 2,965,802
TAYLOR, SCOTT 2,965,990
TEAR FILM INNOVATIONS, INC. 2,965,974
TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) 2,965,860
TEMPLE UNIVERSITY-OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION 2,965,839
TENYENHUIS, ED G. 2,965,666
TERADA, TAKASHI 2,965,466
TERENZIO, DOMENICO 2,962,182
TERRY, WARREN MARC 2,965,712
TERSTEEG, JILL 2,965,676
TESCO CORPORATION 2,955,924
THE BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM 2,965,811
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY 2,965,850
THE BRAUN CORPORATION 2,964,567
THE DOSHISHA 2,965,770
THE FLORIDA STATE UNIVERSITY RESEARCH FOUNDATION, INC. 2,961,628
THE GENERAL HOSPITAL CORPORATION 2,966,044
THE JOHNS HOPKINS UNIVERSITY 2,957,764
THE JOHNS HOPKINS UNIVERSITY 2,961,749
THE PROCTER & GAMBLE COMPANY 2,957,422
THE PROCTER & GAMBLE COMPANY 2,962,792
THE PROCTER & GAMBLE COMPANY 2,962,807
THE PROCTER & GAMBLE COMPANY 2,963,244
THE PROCTER & GAMBLE COMPANY 2,964,012
THE PROCTER & GAMBLE COMPANY 2,964,159
THE PROCTER & GAMBLE COMPANY 2,964,188
THE PROVOST, FELLOWS, FOUNDATION SCHOLARS, & THE OTHER MEMBERS OF BOARD, OF THE COLLEGE OF THE HOLY AND UNDIV. TRINITY OF QUEEN ELIZABETH, NEAR DUBLIN 2,961,725
THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA 2,961,636
THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA 2,966,035
THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES 2,960,092
THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES 2,960,096
THE UNIVERSITY OF MELBOURNE 2,966,054
THE USA, AS REPRESENTED BY THE SECRETARY, DEPT. OF HEALTH AND HUMAN SERVICES 2,962,100
THIEMANN, ALEXANDER 2,966,045
THIERRY, DARREN 2,965,195
THOMAS & BETTS INTERNATIONAL LLC 2,965,669
THOMPSON, BRIAN 2,961,641
THOMPSON, GORDON, III 2,962,789
THORNLEY, PAUL 2,965,705
THRASHER, KENNETH JEFF 2,964,140
TIAN, YONGJIANG 2,966,027
TINTORI, CRISTINA 2,965,734
TIPTON, JON 2,962,445
TOKUYAMA CORPORATION 2,965,610
TOLERO PHARMACEUTICALS, INC. 2,965,690
TORAY INDUSTRIES, INC. 2,965,604
TORAY INDUSTRIES, INC. 2,965,605
TORAY INDUSTRIES, INC. 2,965,776
TOTH, JAMES LEE 2,964,140
TOUR, JAMES M. 2,952,960
TOY, MICHAEL 2,965,831
TRABER, BRUNO 2,965,969
TRAJKOVSKI, JULIE 2,965,846
TREMAINE, DEAN 2,966,043
TREON, STEVEN P. 2,965,178
TRI ALPHA ENERGY, INC. 2,965,682
TROHEL, MATHIEU JEAN PIERRE 2,965,389
TU, EUGENE 2,965,866
TUCKER, BARRY L. 2,965,817
TUCKER, BARRY L. 2,965,819
TUNCAY, ZUHAL 2,954,866
TURNER, KELVIN 2,965,972
TURNER, LOUIS 2,964,663
TURNER, SPENCER ADAM 2,965,589
TYLER, CARL 2,962,984
UBA, TAKURO 2,965,772
UBER, ARTHUR E., III 2,965,817
UBER, ARTHUR E., III 2,965,819
UENO, YOSHIYUKI 2,965,776
ULLRICH, GEORGE CHRISTIAN 2,964,663
UNITED STATES GYPSUM COMPANY 2,962,924
UNIVERSIDADE FEDERAL DE GOIAS - UFG 2,966,060
UNIVERSITAT DE LES ILLES BALEARS 2,965,047
UNIVERSITE DE MONTPELLIER 2,962,331
UNIVERSITE DE REIMS CHAMPAGNE-ARDENNE 2,963,705
UNIVERSITE DE ROUEN 2,963,705
UNIVERSITY COLLEGE DUBLIN, NATIONAL UNIVERSITY OF IRELAND, DUBLIN 2,961,725
UNIVERSITY OF ROCHESTER 2,965,839
UPRETI, PRAVEEN 2,957,153
URDANETA, GUSTAVO ADOLFO 2,965,645
URIBE, REINALDO 2,965,593
UTSUNOMIYA, MASAMICHI 2,965,604
UTZ, MICHAEL 2,962,984
UVEGES, THOMAS E. 2,961,715
VALSPAR SOURCING, INC. 2,965,676
VAN BRINK, DAVID A. 2,964,461
VANDENWORM, NICOLAAS JOHANNES 2,966,003
VANDENWORM, NICOLAAS JOHANNES 2,966,018
VANDENWORM, NICOLAAS JOHANNES 2,966,036
VASTTECH IP PTY LTD 2,952,998
VAYSER, ALEX 2,965,990
VENEZIANI, CRISTINA 2,962,531
VENTANA MEDICAL SYSTEMS, INC. 2,965,435
VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT 2,962,314
VERISKIN, INC. 2,965,866
VERKAIK, ANTONIUS GOSEN MARIA 2,961,573
VERNOOIJ, ERIC 2,965,678
VETOKATTO OY 2,965,583
VIGNAROLI, GIULIA 2,965,734
VILLIOTT, MARK 2,964,458
VIOLA, ALDO 2,954,843
VIRGINIA COMMONWEALTH UNIVERSITY 2,962,500
VISA INTERNATIONAL SERVICE ASSOCIATION 2,964,312

VISOLIS, INC. 2,965,737
VISSER, RICHARD GERARDUS FRANCISCUS 2,961,553
VITATHINQ, INC. 2,966,028
VOGEL, BERNARD J. 2,961,906
VOGEL, BERNARD J. 2,961,909
VOGEL, BERNARD J. 2,962,450
VOGEL, BERNARD J. 2,962,475
VOIGHT, ERIC 2,965,981
VOLKMANN, ARIANE 2,960,092
VOLKMANN, ARIANE 2,960,096
VOSSEN, JACOBUS HUBERTUS 2,961,553
WADA, DAISUKE 2,965,772
WADA, TOSHIHIRO 2,965,781
WAGENINGEN UNIVERSITEIT 2,961,553
WAIGHT, RICHARD 2,965,195
WALDER, ANTHONY J. 2,962,808
WALL, ANDREW J. 2,965,666
WALLACE, CATRIONA 2,965,846
WANG, BING 2,957,764
WANG, CHENG-I 2,965,623
WANG, CHENG-I 2,965,627
WANG, CHENG-I 2,965,960
WANG, ENXIU 2,961,636
WANG, JIANFENG 2,965,860
WANG, PIDONG 2,964,331
WANG, RUOMIAO 2,965,969
WANG, XUEQING 2,965,981
WANG, XUEQING 2,966,023
WARD, LUCY A. 2,960,092
WARD, LUCY A. 2,960,096
WARDLE, JOHN 2,965,186
WARNER, STEVEN L. 2,965,690
WARSHAWSKY, ALAN M. 2,963,321
WATANABE, EIICHI 2,965,804
WEBB, DAVID EDWARD 2,964,663
WEBER, THOMAS EDMUND 2,963,476
WEGNER, CHRISTOPHER C. 2,964,567
WEI, ZHONGMIN 2,962,945
WELANDER, THOMAS 2,962,314
WERNER, BRIAN 2,965,997
WERRIES, MICHAEL 2,960,690
WEST, TYLER 2,964,514
WESTERN NEW ENGLAND UNIVERSITY 2,965,616
WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION 2,965,664
WHITE, CHRISTOPHER 2,965,400
WHITE, DEREK WILLIAM RICHARD 2,966,100
WHITE, DEREK WILLIAM RICHARD 2,966,102
WHITE, JOHN 2,962,789
WHITE, MALCOLM 2,964,663
WHITE, PETER 2,965,988
WILDER, ELIZABETH ANN 2,964,012
WILLIAM MARSH RICE UNIVERSITY 2,952,960
WILLIAMS, GLEN P. 2,965,819
WILLIAMS, ROBERT PAUL 2,965,790
WILLIAMSON, ALEXANDER 2,962,024
WILSON, JAMES TYLER 2,955,924
WING ENTERPRISES, INCORPORATED 2,965,980
WINNICKI, ROBERT 2,959,283
WISE, ALAN 2,965,741
WISE, MATTHEW EDWIN 2,965,645
WOJDYLA, ADAM 2,964,567
WOLF, STEFANIE 2,962,827
WOLOSCHUK, RALPH E. 2,965,712
WONG, KAMEHAMEHA 2,961,555
WOODRUM, ADAM 2,962,984
WOUTS, IVAN 2,959,108
WRIGHT, NORMAN 2,966,037
WU, GUAILI 2,965,716
WU, HANG 2,958,656
WU, HSU-HSIANG 2,965,989
WU, HUIPING 2,966,034
WU, QILONG 2,961,636
WU, XINQI 2,966,040
WU, ZHIPEI 2,964,140
WULFF, DAVID 2,957,153
WYATT, LINDA S. 2,962,100
WYLDE, JONATHAN 2,962,751
WYLDE, JONATHAN 2,962,753
XIONG, YUAN 2,965,178
XU, QINGGUO 2,957,764
XU, QINGHAI 2,965,847
XU, SHAO PENG 2,965,702
XU, XIAOZHONG 2,965,720
XUE, YUZHEN 2,965,989
YALCIN, BARIS 2,965,841
YAMADA, RYU 2,965,466
YAMASAKI, SUGURU 2,965,609
YANG, GUANG 2,965,178
YANG, YUNLAI 2,962,953
YAO, GANG 2,966,031
YAO, XINXIANG 2,966,031
YAVAS, GOKHAN 2,961,563
YE, RUQUAN 2,952,960
YEO, SIOK PING 2,965,623
YEO, SIOK PING 2,965,627
YEO, SIOK PING 2,965,960
YEON, SEUL KI 2,963,371
YERUBANDI, KRISHNA BABU 2,965,618
YEUNG, MING C. 2,965,981
YEUNG, MING C. 2,966,023
YOGAN, THOMAS J. 2,962,792
YOKOTA, MASAHIRO 2,965,804
YOO, JIN, SUNG 2,962,789
YOON, JOO BYOUNG 2,964,735
YOON, WOO-KEUN 2,965,773
YORK, JEREMY SCHULENBURG 2,963,318
YORK, JEREMY SCHULENBURG 2,963,321
YOUM, JI HYUN 2,964,735
YOUNG, BRIAN A. 2,961,563
YOUNG, KERRY 2,964,471
YOUNG, TIMOTHY J. 2,962,024
YU, XUETAO 2,965,841
ZACHARKO, JONATHAN PETER 2,965,630
ZAGARS, RAYMOND 2,962,788
ZANELLOTTI, LAURA 2,962,531
ZEALAND PHARMA A/S 2,965,732
ZHANG, LEI 2,966,038
ZHANG, QUANLIANG 2,965,716
ZHANG, WENLAI 2,965,411
ZHANG, YUANZHENG 2,961,987
ZHANG, YUMIN 2,965,787
ZHAO, FUNIAN 2,965,625
ZHAO, HUARUI 2,966,034
ZHAO, YANGBING 2,966,035
ZHENG, YONGHAO 2,952,960
ZHOU, YINJIE 2,965,841
ZHU, HUAISONG 2,965,860
ZORNETZER, GREGORY A. 2,962,945
□PI□EK, RADEK 2,964,229

# Index of Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

# Index des demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

| | |
|---|---|
| AJAY, KEMAL | 2,965,635 |
| ALKHATIB, SAMIR | 2,965,252 |
| AMERIFAB, INC. | 2,961,065 |
| ANASTASIO, ANDREW SCOTT | 2,964,983 |
| ANGELCARE DEVELOPMENT INC. | 2,964,978 |
| AVERY DENNISON CORPORATION | 2,962,479 |
| B & W CUSTOM TRUCK BEDS, INC. | 2,959,679 |
| BEASLEY, WILLIAM M. | 2,965,252 |
| BEHL, MARC | 2,962,665 |
| BOETTGER, KARL | 2,965,635 |
| BROGGINI, DIEGO | 2,965,059 |
| BROSTMEYER, JOSEPH D. | 2,914,247 |
| BRUNNERT, DAVID J. | 2,965,252 |
| CHEN, H-L TONY | 2,962,683 |
| CORNING CABLE SYSTEMS LLC | 2,965,226 |
| CRANKE, CHRISTOPHER T. | 2,965,316 |
| CREMASCO, ENZO | 2,946,176 |
| CYBERONICS, INC. | 2,965,141 |
| CYTEC TECHNOLOGY CORP. | 2,962,683 |
| DAI, QI | 2,962,683 |
| DUDA, JESSICA L. | 2,964,564 |
| ECKERICH, RANDALL HUGH | 2,946,176 |
| EDWARDS, DAVID N. | 2,962,479 |
| F. HOFFMANN-LA ROCHE AG | 2,965,031 |
| FACEBOOK, INC. | 2,964,991 |
| FAINSHTEIN, MICHAEL | 2,965,398 |
| FENG, YAKAI | 2,962,665 |
| FLAHERTY, CHRISTOPHER J. | 2,964,564 |
| FLORIDA TURBINE TECHNOLOGIES, INC. | 2,914,247 |
| FRAZIER, BRENT M. | 2,965,226 |
| FREI, MARK G. | 2,965,141 |
| FULLER, JASON E. | 2,964,564 |
| FUNCTIONWEAR, LLC | 2,965,316 |
| GALLOWAY, GREGORY G. | 2,965,252 |
| GEIGER, ANDREAS | 2,944,055 |
| GIROUX, RICHARD L. | 2,965,252 |
| HARLEV, JOSEPH YOSSI | 2,965,024 |
| HAYHOW, ROBERT | 2,956,329 |
| HEITNER, HOWARD I | 2,962,683 |
| HELMHOLTZ-ZENTRUM GEESTHACHT ZENTRUM FUR MATERIAL- UND KUSTENFORSCHUNG GMBH | 2,962,665 |
| HIGUCHI, NAOHIRO | 2,965,298 |
| HIRSCH, RUSSELL | 2,964,564 |
| HOFFMANN NEOPAC AG | 2,944,055 |
| HYDRO INTERNATIONAL PLC | 2,964,983 |
| IYER, PRADEEP | 2,962,479 |
| JACKSON, RAYMOND H. | 2,965,252 |
| JANSSEN PHARMACEUTICA NV | 2,965,059 |
| JARSCH, MICHAEL | 2,965,031 |
| JAY, RAYMOND G. | 2,965,226 |
| JOHNSON, LEONARD | 2,965,024 |
| KANE, ANDREW STEVEN | 2,964,983 |
| KEWAUNEE SCIENTIFIC CORPORATION | 2,947,345 |
| KHUBANI, AJIT | 2,965,060 |
| KNOX, RON | 2,965,635 |
| KOLANKO, ANTHONY TADEK LESLIE | 2,964,983 |
| KOMATSU, TAKUYA | 2,965,298 |
| KONETSKI, THEODORE | 2,965,024 |
| KUBBIES, MANFRED | 2,965,031 |
| KUSHEVSKY, MIKHAIL | 2,965,398 |
| LE, TUONG THANH | 2,965,252 |
| LELLEK, VIT | 2,965,059 |
| LENDLEIN, ANDREAS | 2,962,665 |
| LIRETTE, BRENT J. | 2,965,252 |
| LOCHNER, SUSANNE | 2,965,059 |
| LURIE, MARTIN S. | 2,964,950 |
| LY, TIEN | 2,962,479 |
| MAGNA INTERNATIONAL INC. | 2,946,176 |
| MALLYA, PRAKASH | 2,962,479 |
| MANASEK, RICHARD J. | 2,961,065 |
| MANI, NEELAKANDHA S. | 2,965,059 |
| MARTINSONS, VALDIS ANDRIS | 2,965,398 |
| MAURER, ADRIAN | 2,965,059 |
| MCCALL, TRAVIS M. | 2,959,679 |
| MCCULLOCH, BRYAN L. | 2,945,771 |
| MCGRANAHAN, DANIEL S. | 2,965,226 |
| MCKAY, DAVID | 2,965,252 |
| MCKEE, KEVIN JOHN | 2,964,983 |
| MEMMEN, ROBERT L. | 2,914,247 |
| MILLER, JEREMY | 2,947,345 |
| MITSUBISHI MATERIALS CORPORATION | 2,965,298 |
| MOORE, STEVE ROBERT | 2,946,176 |
| MORAND, MICHEL | 2,964,978 |
| MUIR, CRAIG | 2,964,564 |
| MUNDIGL, OLAF | 2,965,031 |
| NAZZAL, GREGORY R. | 2,965,252 |
| NINEPOINT MEDICAL, INC. | 2,964,564 |
| ODELL, ALBERT C. | 2,965,252 |
| OPTISENSE NETWORK, INC. | 2,965,024 |
| OSORIO, IVAN | 2,965,141 |
| PAN, YUN | 2,965,060 |
| PAPAKIPOS, MATTHEW NICHOLAS | 2,964,991 |
| PERRY, RICHARD | 2,864,540 |
| PIPPEL, DANIEL J. | 2,965,059 |
| RABASCO, JOHN J. | 2,945,771 |
| RACA, SORIN NICOLAE | 2,899,670 |
| RIETCHECK, CODY | 2,959,679 |
| RINDOKS, KURT P. | 2,947,345 |
| ROHM AND HAAS COMPANY | 2,945,771 |
| ROSS, JEFFREY S. | 2,964,564 |
| ROZENBAOUM, EUGENE | 2,962,479 |
| SCARPA, CARL | 2,965,073 |
| SCHELL, EDWARD | 2,965,073 |
| SCHREIBER, DANIEL | 2,965,316 |
| SCOTT, DAVID ANDREW | 2,964,983 |
| SHIMA, HIROKAZU | 2,965,298 |
| SIRIUS XM RADIO INC. | 2,965,073 |
| SLAVOV, SVETOSLAV | 2,964,950 |
| SPITZER, DONALD PAUL | 2,962,683 |
| STROLLE, CHRISTOPHER | 2,965,073 |
| SVIRSKY, VLADIMIR | 2,964,950 |
| SWARR, JAMES C. | 2,965,252 |
| TAKAYAMA, YOSHINORI | 2,965,298 |
| TELEBRANDS CORP. | 2,965,060 |
| TEPPER, ROBERT I. | 2,964,564 |
| TERRY, JIM | 2,965,252 |
| THE TORONTO-DOMINION BANK | 2,956,329 |
| THOMAS, ELIZABETH | 2,902,137 |
| THYSSENKRUPP INDUSTRIAL SOLUTIONS (USA), INC. | 2,964,950 |
| TOKSVIG, MICHAEL JOHN MCKENZIE | 2,964,991 |
| TORRES-NAGEL, NORA | 2,965,031 |
| VAN DYK, ANTONY K. | 2,945,771 |
| VEAZEY, RHAD | 2,965,024 |
| WANG, JUNZHU | 2,965,298 |
| WARDLEY, MIKE | 2,965,252 |
| WEATHERFORD TECHNOLOGY HOLDINGS, LLC | 2,965,252 |
| WORKS, JOSEPH W. | 2,959,679 |
| XROMB INC. | 2,965,398 |
| XTRALIS TECHNOLOGIES LTD | 2,965,635 |
| YOUNG, LANA | 2,965,059 |
| ZOTZMANN, JORG | 2,962,665 |